

74997-1001

Safety Data Sheet**Section 1 - Identification**

Bob Ross® Liquid White Oil Paint
Bob Ross® Liquid Black Oil Paint ¹
Bob Ross® Liquid Opal Oil Paint

GOLDEN ITEM# CBR06207
GOLDEN ITEM# CBR06227
GOLDEN ITEM# CBR06239

¹ Contains Carbon Black

GOLDEN ARTIST COLORS, INC.
188 BELL ROAD
NEW BERLIN, NY 13411

Phone: (607) 847-6154
In US and Canada only: (800) 959-6543

Prepared by: Regulatory Department

Product Use: Artist's Paint

Not recommended for: Use by children

Section 2 - Hazards Identification**GHS Ratings:**

Flammable liquid

4

Flash point $\geq 60^{\circ}\text{C}$ (140°F) and $\leq 93^{\circ}\text{C}$ (200°F)

GHS Hazards

H227

Combustible liquid

GHS Precautions

P210

Keep away from heat/sparks/open flames/hot surfaces – No smoking

P235

Keep cool

P280

Wear protective gloves/protective clothing/eye protection/face protection

P370+P378

In case of fire: Use ... for extinction

P403+P235

Store in a well ventilated place. Keep cool

P501

Dispose of contents/container according to Section 13

Signal Word: Warning

Hazards Not Otherwise Classified (HNOC)

Spontaneous combustion may result from oil soaked materials such as rags, steel wool, paper and clothing.
Place soaked materials in a sealed, metal container to prevent this.

Section 3 - Hazardous Composition

Chemical Name	CAS number	Weight Concentration %
Carbon Black ¹	1333-86-4	5.00% - 10.00%
Naptha (petroleum), hydrotreated heavy; low boiling point thermally cracked naptha	64742-48-9	1.00% - 10.00%
Quartz (Crystalline Silica)	14808-60-7	0.10% - < 1.00%

(1) Carbon Black - WARNING: This product contains a chemical known to the State of California to cause cancer.

Crystalline Silica - WARNING: These products contains a chemical known to the State of California to cause cancer. Considered a carcinogen through inhalation overexposure. Also a known cause of silicosis, a noncancerous lung disease.

Section 4 - First Aid

SDS for: CBR06207, CBR06227, CBR06239

Item Numbers: 74997-1001, 74997-1002, 74997-1003

Page 1 of 5

Printed: 1/7/2021 at 2:52:42 PM

Page 1 of 31

Inhalation: Remove subject to fresh air. Give artificial respiration if breathing has stopped. Seek medical attention.

Eye: Flush with water for 15 minutes. Remove contact lenses, if present and easy to do so. If symptoms develop and persist seek medical attention.

Skin: Wash with soap and water. Remove contaminated clothing. Seek medical attention for irritation.

Ingestion: If swallowed, dilute by giving 2 or more glasses of water to drink ONLY IF CONSCIOUS! Do not induce vomiting. Seek medical attention IMMEDIATELY.

Section 5 - Fire Fighting

Flash Point: 62 C (144 F)

LEL: N/A

UEL: N/A

Extinguishing Media: Foam, Carbon Dioxide, Dry Chemical, Powder. Do NOT use high pressure Water Spray, as this will spread the fire.

Unusual Fire and Explosion Hazards: Vapors can travel to a source of ignition and flash back. Closed containers may rupture via pressure build-up when exposed to fire or extreme heat. During a fire, irritating and highly toxic gases and/or fumes may generate during combustion or decomposition.

Hazardous Byproducts: Combustion will yield oxides of carbon and nitrogen, as well as, monomer fume.

Fire Fighting Procedures: Move containers promptly out of fire zone. If removal is impossible, keep containers cool with water spray. Remain upwind and avoid breathing smoke or fumes.

Special Precautions: Wear self-contained breathing apparatus and full protective gear.

Section 6 - Release

Personal precautions, protective equipment and emergency procedures: Appropriate protective equipment must be worn when handling a spill of this material. See Section - 8 Exposure Control for recommendations. If exposed to material during clean-up operations, see Section 4 - First Aid for actions to follow.

Environmental precautions: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

Methods and materials for containment and clean-up: Eliminate all ignition sources. Evacuate personnel to safe areas. Ventilate the area to dissipate vapor. Floor may be slippery; use care to avoid falling. Soak up spills with inert absorbent material. Sweep up and collect in suitable container for disposal. Avoid breathing vapor. Oil soaked materials may spontaneously combust.

Section 7 - Handling

Precautions and safe handling: Use only in well-ventilated areas. Avoid inhalation of vapors/spray and contact with skin and eyes. Wear appropriate personal protective equipment. The mixture is flammable, and heating may generate vapors which may form explosive vapor/air mixtures. Do not smoke or use near other sources of ignition. Read label before use.

Conditions for safe storage: Keep away from heat, sparks and open flame. Store in a cool, well-ventilated place. Keep out of the reach of children.

Section 8 - Exposure Control

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Carbon Black ¹ 1333-86-4	TWA 3.5 mg/m3	TWA 3.5 mg/m3	Not Established

Naptha (petroleum), hydrotreated heavy; low boiling point thermally cracked naptha 64742-48-9	PEL 1200 mg/m3	Not Established	Not Established
Quartz (Crystalline Silica) 14808-60-7	TWA 0.05 mg/m3 (Respirable Fraction)	TWA 0.025 mg/m3 (Respirable Fraction)	Not Established

Engineering Controls: Use explosion proof ventilation equipment. Provide adequate ventilation. Observe Occupational Exposure Limits and minimize the risk of inhalation of possible vapor. Provide easy access to water supply, eye wash or emergency shower.

General Hygiene Considerations: Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Private clothes and work clothes should be kept separate.

Personal Protective Equipment: Wear approved safety glasses or goggles. Wear solvent-resistant gloves. Be aware that liquid may penetrate the gloves, suitable gloves can be recommended by the glove supplier.

Section 9 - Properties

Properties listed are typical and not to be used as a specification.

Appearance: Liquid Vapor Pressure: Not available Vapor Density: Not available Density: 1.20 – 1.60 Freezing point: Not available Boiling range: Not available Evaporation rate: Not available Explosive Limits: Not available Auto ignition temperature: Not available Viscosity: Not available	Odor: Oil / Solvent Odor threshold: Not available pH: Not applicable Melting point: Not applicable Solubility: Not soluble Flash point: 62°C, 144°F Flammability: Not applicable Partition coefficient (n-octanol/water): Not available Decomposition temperature: Not available
--	---

Section 10 - Reactivity

Under normal conditions this mixture is considered to be:

STABLE

Materials that are known to be incompatible with this mixture and should be avoided, if applicable:

Not Applicable

Risk of hazardous decomposition:

Not Applicable

Hazardous polymerization will not occur.

Section 11 - Toxicology

Mixture Toxicity

Inhalation Toxicity LC50: 105mg/L

Component Toxicity

1333-86-4 Carbon Black ¹

64742-48-9 Oral LD50: 5,000 mg/kg (RAT)
 Naptha (petroleum), hydrotreated heavy; low boiling point thermally cracked naptha
 Dermal LD50: 3,160 mg/kg (RABBIT)

Possible routes of entry or exposure:

Inhalation Eye Contact Ingestion

Possible target organs of exposure to this mixture:

Eyes Lungs

Effects of Overexposure

Carcinogenicity: This mixture as a whole has not been tested to determine its carcinogenic properties. The components of this mixture that are reported as possible or known carcinogens are as follows:

<u>CAS Number</u>	<u>Description</u>	<u>% Weight</u>	<u>Carcinogen Rating</u>
14808-60-7	Quartz (Crystalline Silica)	0.1% - < 1.0%	Quartz (Crystalline Silica): WARNING: This product contains crystalline silica, a chemical known to the State of California to cause cancer by means of inhalation.

Acute Toxicity: May cause central nervous system effects.

Section 12 - Ecological Toxicity

Ecotoxicity: This mixture as a whole has not been tested to determine its ecological toxicity. The components of this mixture with documented ecological data are as follows:

Component Ecotoxicity

Naptha (petroleum), hydrotreated heavy; low boiling point thermally cracked naptha	LC50 Pimephales promelas 2200 mg/l 96h LC50 Chaetogammarus Marinus 2.6 mg/l 96h
--	--

Section 13 - Disposal

Disposal Instructions: Dispose of in compliance with the laws and regulations pertaining to this product in your jurisdiction. Oil soaked materials may spontaneously combust and should be properly managed to avoid ignition and heat sources or oxygen rich environments. Collect and store soaked materials in closed, metal containers to help prevent combustion. Empty containers should be decontaminated and taken for local recycling, recovery or waste disposal.

Section 14 - Transport

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing</u>	<u>Hazard Class</u>
DOT	Not Regulated			
IATA	Not Regulated			
IMDG	Not Regulated			

Section 15 - Regulatory

State of California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): WARNING! This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin:

1333-86-4	Carbon Black ¹	Carcinogen
14808-60-7	Quartz (Crystalline Silica)	Carcinogen

<u>Country</u>	<u>Regulation</u>	<u>All Components Listed</u>
AUSTRALIA	AICS- Australian Inventory of Chemical Substances	Yes
CANADA	Domestic Substances List (DSL) and Non-Domestic	Yes
EUROPE	European Inventory of Existing Commercial Chemical	Yes
EUROPE	European List of Notified Chemical Substances	No
JAPAN	Inventory of Existing and New Chemical Substances	No
CHINA	Inventory of Existing Chemical Substances in China	Yes
KOREA	Korean Existing Chemicals Inventory (KECI)	Yes
NEW ZEALAND	New Zealand Inventory of Chemicals (NZIoC)	Yes
PHILIPPINES	Philippine Inventory of Chemicals and Chemical	Yes
USA	Active-Toxic Substances Control Act (TSCA) Inventory	Yes

Section 16 - Other Information

While Golden Artist Colors, Inc. believes the data set forth herein is accurate as of the date hereof, Golden Artist Colors, Inc. makes no warranty with respect to the accuracy of this data and expressly disclaims all liability for reliance thereon. Such data is offered solely for your consideration, investigation, and verification.

Date revised: 2021-01-07

Reviewer Revision 1

Date Prepared: 1/7/2021

Article No.: 750006740 BOB ROSS PAINTING MEDIUM
Print date 13.04.2021 Revision date 13.04.2021
Version 1.1 Issue date 13.04.2021 EN
Page 1 / 7

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. product identifiers

Article No. (manufacturer/supplier): 750006740
Identification of the substance or mixture BOB ROSS PAINTING MEDIUM

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses:

Artists supply and hobby preparations
Coatings and paints, thinners, paint removers

1.3. Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/downstream user/distributor):

Daler-Rowney Ltd
Peacock Lane Telephone: +44 (0) 1344 461083
Bracknell, RG12 8SS Telefax: +44 (0) 1344 486511
ENGLAND

Dept. responsible for information:

E-mail Philip.Gray@daler-rowney.com

1.4. Emergency telephone number

Emergency telephone: 03030686700 03030686700

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

Flam. Liq. 3 / H226	Flammable liquids	Flammable liquid and vapour.
Aquatic Chronic 4 / H413	Hazardous to the aquatic environment	May cause long lasting harmful effects to aquatic life.

2.2. Label elements

The product is classified and labelled according to EC directives or corresponding national laws.

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms



Warning

Hazard statements

H226 Flammable liquid and vapour.
H413 May cause long lasting harmful effects to aquatic life.

Precautionary statements

P301 + P330 + P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P102 Keep out of the reach of children.
P103 Read label before use.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 Keep container tightly closed.
P243 Take precautionary measures against static discharges.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/or shower.
P370 + P378 In case of fire: Use foam to extinguish.
P403 + P235 Store in a well-ventilated place. Keep cool.
P501 Dispose of contents/container in accordance with local legislation.

contains:

not applicable

Supplemental Hazard information (EU)

not applicable

Article No.: 750006740 BOB ROSS PAINTING MEDIUM
Print date 13.04.2021 Revision date 13.04.2021
Version 1.1 Issue date 13.04.2021

EN
Page 2 / 7

2.3. Other hazards

Materials such as cleaning rags, paper wipes and protective clothing, which are contaminated with the product may spontaneously self-ignite some hours later.

SECTION 3: Composition / information on ingredients

3.2. Mixtures

Product description / chemical characterization

Description Painting Medium for Oil-Colour

Hazardous ingredients

Classification according to Regulation (EC) No 1272/2008 [CLP]

EC No.	REACH No.	Wt %
CAS No.	Chemical name	Remark
INDEX No.	classification:	
918-167-1	01-2119472146-39	
64741-65-7	Hydrocarbons, C11-C12, Isoalkanes, <2% Aromatics	25 - 50
	Flam. Liq. 3 H226 / Asp. Tox. 1 H304 / Aquatic Chronic 4 H413	

Additional information

Full text of classification: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness give nothing by mouth, place in recovery position and seek medical advice.

In case of inhalation

Remove casualty to fresh air and keep warm and at rest. In case of irregular breathing or respiratory arrest provide artificial respiration.

Following skin contact

Take off immediately all contaminated clothing. After contact with skin, wash immediately with plenty of water and soap. Do not use solvents or thinners.

After eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice immediately.

After ingestion

If swallowed, rinse mouth with water (only if the person is conscious). Seek medical advice immediately. Keep victim calm. Do NOT induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed

In all cases of doubt, or when symptoms persist, seek medical advice.

4.3. Indication of any immediate medical attention and special treatment needed

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

alcohol resistant foam, carbon dioxide, Powder, spray mist, (water)

Extinguishing media which must not be used for safety reasons:

strong water jet

5.2. Special hazards arising from the substance or mixture

Dense black smoke occurs during fire. Inhaling hazardous decomposing products can cause serious health damage. Vapours form explosive mixtures with air.

5.3. Advice for firefighters

Provide a conveniently located respiratory protective device. Do not allow water used to extinguish fire to enter drains, ground or waterways. Cool closed containers that are near the source of the fire.

SECTION 6: Accidental release measures

Article No.:	750006740	BOB ROSS PAINTING MEDIUM	EN
Print date	13.04.2021	Revision date 13.04.2021	Page 3 / 7
Version	1.1	Issue date 13.04.2021	

- 6.1. **Personal precautions, protective equipment and emergency procedures**
Keep away from sources of ignition. Ventilate affected area. Do not breathe vapours.
- 6.2. **Environmental precautions**
Do not allow to enter into surface water or drains. If the product contaminates lakes, rivers or sewages, inform competent authorities in accordance with local regulations. Vapours form explosive mixtures with air.
- 6.3. **Methods and material for containment and cleaning up**
Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculit, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations (see section 13).
- 6.4. **Reference to other sections**
Observe protective provisions (see section 7 and 8).

SECTION 7: Handling and storage

- 7.1. **Precautions for safe handling**
Advices on safe handling
Avoid formation of flammable and explosive vapour concentrations in the air and exceeding the exposure limit values. Only use the material in places where open light, fire and other flammable sources can be kept away. Electrical equipment must be protected meeting the accepted standard. Product may become electrostatically charged. Provide earthing of containers, equipment, pumps and ventilation facilities. Anti-static clothing including shoes are recommended. Floors must be electrically conductive. Keep away from heat sources, sparks and open flames. Use only spark proof tools. Avoid contact with skin, eyes and clothes. Do not inhale dusts, particulates and spray mist when using this preparation. Avoid respiration of swarf. When using do not eat, drink or smoke. Personal protection equipment: refer to section 8. Do not empty containers with pressure - no pressure vessel! Always keep in containers that correspond to the material of the original container. Follow the legal protection and safety regulations.
Precautions against fire and explosion:
Vapours are heavier than air. Vapours form explosive mixtures with air.
- 7.2. **Conditions for safe storage, including any incompatibilities**
Requirements for storage rooms and vessels
Storage in accordance with the Ordinance on Industrial Safety and Health (BetrSivO). Keep container tightly closed. Do not empty containers with pressure - no pressure vessel! Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks. Soils have to conform to the "Guidelines for avoidance of ignition hazards due to electrostatic charges (BGR 132)".
Hints on joint storage
Keep away from strongly acidic and alkaline materials as well as oxidizers.
Further information on storage conditions
Take care of instructions on label. Store in a well-ventilated and dry room at temperatures between 15 °C and 30 °C. Protect from heat and direct sunlight. Keep container tightly closed. Remove all sources of ignition. Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks.
- 7.3. **Specific end use(s)**
Observe technical data sheet. Observe instructions for use.

SECTION 8: Exposure controls/personal protection

- 8.1. **Control parameters**
Occupational exposure limit values:

INDEX No. not applicable / CAS No.
- 8.2. **Exposure controls**
Provide good ventilation. This can be achieved with local or room suction. If this should not be sufficient to keep aerosol and solvent vapour concentration below the exposure limit values, a suitable respiratory protection must be used.
Occupational exposure controls
Respiratory protection
If concentration of solvents is beyond the occupational exposure limit values, approved and suitable respiratory protection must be used. Observe the wear time limits according GefStoffV in combination with the rules for using respiratory protection apparatus (BGR 190). Use only respiratory protection equipment with CE-symbol including four digit test number.
Hand protection

Article No.: 750006740 BOB ROSS PAINTING MEDIUM
Print date 13.04.2021 Revision date 13.04.2021
Version 1.1 Issue date 13.04.2021

EN
Page 4 / 7

For prolonged or repeated handling the following glove material must be used: NBR (Nitrile rubber)
Thickness of the glove material > 0,4 mm ; Breakthrough time (maximum wearing time) > 480 min.
Observe the instructions and details for use, storage, maintenance and replacement provided by the protective glove manufacturer. Penetration time of glove material depending on intensity and duration of exposure to skin. Recommended glove articles EN ISO 374
Barrier creams can help protecting exposed skin areas. In no case should they be used after contact.

Eye protection

Wear closely fitting protective glasses in case of splashes.

Protective clothing

Wear antistatic clothing of natural fibers (cotton) or heat resistant synthetic fibers.

Protective measures

After contact clean skin thoroughly with water and soap or use appropriate cleanser.

Environmental exposure controls

Do not allow to enter into surface water or drains. See chapter 7. No additional measures necessary.

SECTION 9: Physical and chemical properties

9.1. **Information on basic physical and chemical properties**

Appearance: Liquid
Physical state Liquid
Colour refer to label
Odour characteristic

Safety relevant basis data	Unit	Method	Remark
Flash point:	< 60 °C	DIN 53213	
Ignition temperature in °C:	300 °C		
Lower explosion limit	0,6 Vol-%		
Upper explosion limit	6 Vol-%		
Vapour pressure at 20 °C::	0,628		
Density at 20 °C::	1,00 g/cm³		
Water solubility (g/L)	insoluble		
pH at 20 °C::	-		
Viscosity at 20 °C:	< 20 mPa*s		
Solvent separation test (%)	< 3 %		
boiling point in °C at 101,3 kPa	187 °C		

9.2. **Other information:**

SECTION 10: Stability and reactivity

10.1. **Reactivity**

10.2. **Chemical stability**

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to section 7.

10.3. **Possibility of hazardous reactions**

Keep away from strong acids, strong bases and strong oxidizing agents to avoid exothermic reactions. Materials such as cleaning rags, paper wipes and protective clothing, which are contaminated with the product may spontaneously self-ignite some hours later. Vapours form explosive mixtures with air.

10.4. **Conditions to avoid**

Hazardous decomposition byproducts may form with exposure to high temperatures.

10.5. **Incompatible materials**

10.6. **Hazardous decomposition products**

Hazardous decomposition byproducts may form with exposure to high temperatures, e.g.: carbon dioxide, carbon monoxide, smoke, nitrogen oxides.

SECTION 11: Toxicological information

Classification according to Regulation (EC) No 1272/2008 [CLP]
No data on preparation itself available.

11.1. **Information on toxicological effects**

Acute toxicity

Article No.: 750006740 BOB ROSS PAINTING MEDIUM
Print date 13.04.2021 Revision date 13.04.2021
Version 1.1 Issue date 13.04.2021

EN
Page 5 / 7

Hydrocarbons, C11-C12, Isoalkanes, <2% Aromatics
oral, LD50, Rat: > 5000 mg/kg
Method: OECD 401
dermal, LD50, Rabbit: > 5000 mg/kg

skin corrosion/irritation; Serious eye damage/eye irritation

Hydrocarbons, C11-C12, Isoalkanes, <2% Aromatics
Skin (4 h)
Causes mild skin irritation.
eyes: evaluation Not an irritant.

Respiratory or skin sensitisation

Toxicological data are not available.

Specific target organ toxicity

Toxicological data are not available.

Aspiration hazard

Toxicological data are not available.

Practical experience/human evidence

Other observations:

Inhaling of solvent components above the MWC-value can lead to health damage, e.g. irritation of the mucous membrane and respiratory organs, as well as damage to the liver, kidneys and the central nerve system. Indications for this are: headache, dizziness, fatigue, amyosthenia, drowsiness, in serious cases: unconsciousness. Solvents may cause some of the aforementioned effects through skin resorption. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and/or absorption through skin. Splashing may cause eye irritation and reversible damage.

Overall Assessment on CMR properties

The ingredients in this mixture do not meet the criteria for classification as CMR category 1A or 1B according to CLP.

Remark

There is no information available on the preparation itself .

SECTION 12: Ecological information

overall evaluation

Classification according to Regulation (EC) No 1272/2008 [CLP]
There is no information available on the preparation itself .
Do not allow to enter into surface water or drains.

12.1. Toxicity

Toxicological data are not available.

Long-term Ecotoxicity

May cause long lasting harmful effects to aquatic life.

12.2. Persistence and degradability

Toxicological data are not available.

12.3. Bioaccumulative potential

Toxicological data are not available.

12.4. Mobility in soil

Toxicological data are not available.

12.5. Results of PBT assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Appropriate disposal / Product Recommendation

Do not allow to enter into surface water or drains. This material and its container must be disposed of in a safe way. Waste

Article No.: 750006740 BOB ROSS PAINTING MEDIUM
 Print date 13.04.2021 Revision date 13.04.2021 EN
 Version 1.1 Issue date 13.04.2021 Page 6 / 7

disposal according to directive 2008/98/EC, covering waste and dangerous waste.

List of proposed waste codes/waste designations in accordance with EWC

140603* other solvents and solvent mixtures

packaging

Recommendation

Non-contaminated packages may be recycled. Vessels not properly emptied are special waste. Send to a collecting point for used paints.

SECTION 14: Transport information

- 14.1. **UN number** UN 1993
- 14.2. **UN proper shipping name**
 Land transport (ADR/RID): Flammable liquid, n.o.s.
 (Hydrocarbons, C11-C12, Isoalka nes, <2% Aromatics)
 Sea transport (IMDG): FLAMMABLE LIQUID, N.O.S.
 (Hydrocarbons, C11-C12, Isoalka nes, <2% Aromatics)
 Air transport (ICAO-TI / IATA-DGR): Flammable liquid, n.o.s.
 (Hydrocarbons, C11-C12, Isoalka nes, <2% Aromatics)
- 14.3. **Transport hazard class(es)** 3
- 14.4. **Packing group** III
- 14.5. **Environmental hazards**
 Land transport (ADR/RID) not applicable
 Marine pollutant not applicable
- 14.6. **Special precautions for user**
 Transport always in closed, upright and safe containers. Make sure that persons transporting the product know what to do in case of an accident or leakage.
 Advices on safe handling: see parts 6 - 8
- Further information**
- Land transport (ADR/RID)**
 tunnel restriction code D/E
- Sea transport (IMDG)**
 EmS-No. F-E, S-E
- 14.7. **Transport in bulk according to Annex II of Marpol and the IBC Code**
 not applicable

SECTION 15: Regulatory information

- 15.1. **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- EU legislation**
- Information according to 1999/13/EC about limitation of emissions of volatile organic compounds (VOC-guideline).**
 VOC-value (in g/L) ISO 11890-2: 343
 VOC-value (in g/L) ASTM D 2369: 343
- National regulations**
- Restrictions of occupation**
 Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.
 Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).
- Other regulations, restrictions and prohibition regulations**
- 15.2. **Chemical Safety Assessment**
For the following substances of this preparation a chemical safety assessment has been carried out:

EC No.	Chemical name	REACH No.
CAS No.		

Article No.: 750006740 BOB ROSS PAINTING MEDIUM
Print date 13.04.2021 Revision date 13.04.2021 EN
Version 1.1 Issue date 13.04.2021 Page 7 / 7

918-167-1 Hydrocarbons, C11-C12, Isoalkanes, <2% Aromatics 01-2119472146-39
64741-65-7

16. Other information

Full text of classification in section 3:

Flam. Liq. 3 / H226	Flammable liquids	Flammable liquid and vapour.
Asp. Tox. 1 / H304	Aspiration hazard	May be fatal if swallowed and enters airways.
Aquatic Chronic 4 / H413	Hazardous to the aquatic environment	May cause long lasting harmful effects to aquatic life.

Abbreviations and acronyms

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

Further information

Classification according to Regulation (EC) No 1272/2008 [CLP]

The information supplied on this safety data sheet complies with our current level of knowledge as well as with national and EU regulations. Without written approval, the product must not be used for purposes different from those mentioned in chapter 1. It is always the user's duty to take any necessary measures for meeting the requirements laid down by local rules and regulations. The details in this safety data sheet describe the safety requirements of our product and are not to be regarded as guaranteed attributes of the product.

Article No.: BOB ROSS TW Bob Ross Titanium White
Print date 13.04.2021 Revision date 13.04.2021
Version 1.1 Issue date 13.04.2021

EN
Page 1 / 7

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. product identifiers

Article No. (manufacturer/supplier): BOB ROSS TW
Identification of the substance or mixture Bob Ross Titanium White

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses:

Artists supply and hobby preparations
Coatings and paints, thinners, paint removers

1.3. Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/downstream user/distributor):

Daler-Rowney Ltd
Peacock Lane Telephone: +44 (0) 1344 461083
Bracknell, RG12 8SS Telefax: +44 (0) 1344 486511
ENGLAND

Dept. responsible for information:

E-mail Philip.Gray@daler-rowney.com

1.4. Emergency telephone number

Emergency telephone: 03030686700 03030686700

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

Aquatic Chronic 2 / H411 Hazardous to the aquatic environment Toxic to aquatic life with long lasting effects.

2.2. Label elements

The product is classified and labelled according to EC directives or corresponding national laws.

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms



Hazard statements

H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of the reach of children.
P273 Avoid release to the environment.
P391 Collect spillage.
P501 Dispose of contents/container in accordance with local legislation.

contains:

not applicable

Supplemental Hazard information (EU)

not applicable

2.3. Other hazards

Materials such as cleaning rags, paper wipes and protective clothing, which are contaminated with the product may spontaneously self-ignite some hours later.

SECTION 3: Composition / information on ingredients

3.2. Mixtures

Product description / chemical characterization

Description oil paint

Hazardous ingredients

Article No.: BOB ROSS TW Bob Ross Titanium White
 Print date 13.04.2021 Revision date 13.04.2021
 Version 1.1 Issue date 13.04.2021

EN
 Page 2 / 7

Classification according to Regulation (EC) No 1272/2008 [CLP]

EC No.	REACH No.	Wt %
CAS No.	Chemical name	Remark
INDEX No.	classification:	
215-222-5		
1314-13-2	zinc oxide	5 - 10
030-013-00-7	Aquatic Acute 1 H400 / Aquatic Chronic 1 H410	

Additional information

Full text of classification: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness give nothing by mouth, place in recovery position and seek medical advice.

In case of inhalation

Remove casualty to fresh air and keep warm and at rest. In case of irregular breathing or respiratory arrest provide artificial respiration.

Following skin contact

Take off immediately all contaminated clothing. After contact with skin, wash immediately with plenty of water and soap. Do not use solvents or thinners.

After eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice immediately.

After ingestion

If swallowed, rinse mouth with water (only if the person is conscious). Seek medical advice immediately. Keep victim calm. Do NOT induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed

In all cases of doubt, or when symptoms persist, seek medical advice.

4.3. Indication of any immediate medical attention and special treatment needed

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

alcohol resistant foam, carbon dioxide, Powder, spray mist, (water)

Extinguishing media which must not be used for safety reasons:

strong water jet

5.2. Special hazards arising from the substance or mixture

Dense black smoke occurs during fire. Inhaling hazardous decomposing products can cause serious health damage. Vapours form explosive mixtures with air.

5.3. Advice for firefighters

Provide a conveniently located respiratory protective device. Do not allow water used to extinguish fire to enter drains, ground or waterways. Cool closed containers that are near the source of the fire.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Keep away from sources of ignition. Ventilate affected area. Do not breathe vapours.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. If the product contaminates lakes, rivers or sewages, inform competent authorities in accordance with local regulations. Vapours form explosive mixtures with air.

6.3. Methods and material for containment and cleaning up

Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculit, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations (see section 13).

6.4. Reference to other sections

Article No.: BOB ROSS TW Bob Ross Titanium White
Print date 13.04.2021 Revision date 13.04.2021
Version 1.1 Issue date 13.04.2021

EN
Page 3 / 7

Observe protective provisions (see section 7 and 8).

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advices on safe handling

Avoid formation of flammable and explosive vapour concentrations in the air and exceeding the exposure limit values. Only use the material in places where open light, fire and other flammable sources can be kept away. Electrical equipment must be protected meeting the accepted standard. Product may become electrostatically charged. Provide earthing of containers, equipment, pumps and ventilation facilities. Anti-static clothing including shoes are recommended. Floors must be electrically conductive. Keep away from heat sources, sparks and open flames. Use only spark proof tools. Avoid contact with skin, eyes and clothes. Do not inhale dusts, particulates and spray mist when using this preparation. Avoid respiration of swarf. When using do not eat, drink or smoke. Personal protection equipment: refer to section 8. Do not empty containers with pressure - no pressure vessel! Always keep in containers that correspond to the material of the original container. Follow the legal protection and safety regulations.

Precautions against fire and explosion:

Vapours are heavier than air. Vapours form explosive mixtures with air.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Storage in accordance with the Ordinance on Industrial Safety and Health (BetrSivO). Keep container tightly closed. Do not empty containers with pressure - no pressure vessel! Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks. Soils have to conform to the "Guidelines for avoidance of ignition hazards due to electrostatic charges (BGR 132)".

Hints on joint storage

Keep away from strongly acidic and alkaline materials as well as oxidizers.

Further information on storage conditions

Take care of instructions on label. Store in a well-ventilated and dry room at temperatures between 15 °C and 30 °C. Protect from heat and direct sunlight. Keep container tightly closed. Remove all sources of ignition. Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks.

7.3. Specific end use(s)

Observe technical data sheet. Observe instructions for use.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit values:

zinc oxide

INDEX No. 030-013-00-7 / EC No. 215-222-5 / CAS No. 1314-13-2

TWA: 5 mg/m³

STEL: 10 mg/m³

Additional information

TWA : long-term occupational exposure limit value

STEL : short-term occupational exposure limit value

Ceiling : peak limitation

8.2. Exposure controls

Provide good ventilation. This can be achieved with local or room suction. If this should not be sufficient to keep aerosol and solvent vapour concentration below the exposure limit values, a suitable respiratory protection must be used.

Occupational exposure controls

Respiratory protection

If concentration of solvents is beyond the occupational exposure limit values, approved and suitable respiratory protection must be used. Observe the wear time limits according GefStoffV in combination with the rules for using respiratory protection apparatus (BGR 190). Use only respiratory protection equipment with CE-symbol including four digit test number.

Hand protection

For prolonged or repeated handling the following glove material must be used: NBR (Nitrile rubber)

Thickness of the glove material > 0,4 mm ; Breakthrough time (maximum wearing time) > 480 min.

Observe the instructions and details for use, storage, maintenance and replacement provided by the protective glove manufacturer. Penetration time of glove material depending on intensity and duration of exposure to skin. Recommended glove articles EN ISO 374

Article No.: BOB ROSS TW Bob Ross Titanium White
 Print date 13.04.2021 Revision date 13.04.2021
 Version 1.1 Issue date 13.04.2021

EN
 Page 4 / 7

Barrier creams can help protecting exposed skin areas. In no case should they be used after contact.

Eye protection

Wear closely fitting protective glasses in case of splashes.

Protective clothing

Wear antistatic clothing of natural fibers (cotton) or heat resistant synthetic fibers.

Protective measures

After contact clean skin thoroughly with water and soap or use appropriate cleanser.

Environmental exposure controls

Do not allow to enter into surface water or drains. See chapter 7. No additional measures necessary.

SECTION 9: Physical and chemical properties

9.1. **Information on basic physical and chemical properties**

Appearance: Liquid
Physical state Liquid
Colour refer to label
Odour characteristic

Safety relevant basis data	Unit	Method	Remark
Flash point:	not applicable °C	DIN 53213	
Ignition temperature in °C:	not applicable °C		
Lower explosion limit	not applicable Vol-%		
Upper explosion limit	not applicable Vol-%		
Vapour pressure at 20 °C::	0,49		
Density at 20 °C::	1,00 g/cm³		
Water solubility (g/L)	insoluble		
pH at 20 °C::	-		
Viscosity at 20 °C:	> 90 mPa*s		
Solvent separation test (%)	< 3 %		
boiling point in °C at 101,3 kPa	not applicable °C		

9.2. **Other information:**

SECTION 10: Stability and reactivity

10.1. **Reactivity**

10.2. **Chemical stability**

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to section 7.

10.3. **Possibility of hazardous reactions**

Keep away from strong acids, strong bases and strong oxidizing agents to avoid exothermic reactions. Materials such as cleaning rags, paper wipes and protective clothing, which are contaminated with the product may spontaneously self-ignite some hours later. Vapours form explosive mixtures with air.

10.4. **Conditions to avoid**

Hazardous decomposition byproducts may form with exposure to high temperatures.

10.5. **Incompatible materials**

10.6. **Hazardous decomposition products**

Hazardous decomposition byproducts may form with exposure to high temperatures, e.g.: carbon dioxide, carbon monoxide, smoke, nitrogen oxides.

SECTION 11: Toxicological information

Classification according to Regulation (EC) No 1272/2008 [CLP]
 No data on preparation itself available.

11.1. **Information on toxicological effects**

Acute toxicity

Toxicological data are not available.

skin corrosion/irritation; Serious eye damage/eye irritation

Toxicological data are not available.

Respiratory or skin sensitisation

Article No.: BOB ROSS TW Bob Ross Titanium White
Print date 13.04.2021 Revision date 13.04.2021
Version 1.1 Issue date 13.04.2021

EN
Page 5 / 7

Toxicological data are not available.

Specific target organ toxicity

Toxicological data are not available.

Aspiration hazard

Toxicological data are not available.

Practical experience/human evidence

Other observations:

Inhaling of solvent components above the MWC-value can lead to health damage, e.g. irritation of the mucous membrane and respiratory organs, as well as damage to the liver, kidneys and the central nerve system. Indications for this are: headache, dizziness, fatigue, amyosthenia, drowsiness, in serious cases: unconsciousness. Solvents may cause some of the aforementioned effects through skin resorption. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and/or absorption through skin. Splashing may cause eye irritation and reversible damage.

Overall Assessment on CMR properties

The ingredients in this mixture do not meet the criteria for classification as CMR category 1A or 1B according to CLP.

Remark

There is no information available on the preparation itself .

SECTION 12: Ecological information

overall evaluation

Classification according to Regulation (EC) No 1272/2008 [CLP]

There is no information available on the preparation itself .

Do not allow to enter into surface water or drains.

12.1. **Toxicity**

Toxicological data are not available.

Long-term Ecotoxicity

Toxic to aquatic life with long lasting effects.

12.2. **Persistence and degradability**

Toxicological data are not available.

12.3. **Bioaccumulative potential**

Toxicological data are not available.

12.4. **Mobility in soil**

Toxicological data are not available.

12.5. **Results of PBT assessment**

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. **Other adverse effects**

SECTION 13: Disposal considerations

13.1. **Waste treatment methods**

Appropriate disposal / Product

Recommendation

Do not allow to enter into surface water or drains. This material and its container must be disposed of in a safe way. Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.

List of proposed waste codes/waste designations in accordance with EWC

080111* waste paint and varnish containing organic solvents or
other dangerous substances

packaging

Recommendation

Non-contaminated packages may be recycled. Vessels not properly emptied are special waste. Send to a collecting point for used paints.

SECTION 14: Transport information

14.1. **UN number**

Article No.: BOB ROSS TW Bob Ross Titanium White
 Print date 13.04.2021 Revision date 13.04.2021
 Version 1.1 Issue date 13.04.2021

EN
 Page 6 / 7

UN 3082

14.2. UN proper shipping name

Land transport (ADR/RID):

Environmentally hazardous substance, liquid, n.o.s.
 (R-Zinkoxid Weißsieg. Spez.)

Sea transport (IMDG):

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
 (R-Zinkoxid Weißsieg. Spez.)

Air transport (ICAO-TI / IATA-DGR):

Environmentally hazardous substance, liquid, n.o.s.
 (R-Zinkoxid Weißsieg. Spez.)

14.3. Transport hazard class(es)

9

14.4. Packing group

III

14.5. Environmental hazards

Land transport (ADR/RID)

UMWELTGEFÄHRDEND

Marine pollutant

p / R-Zinkoxid Weißsieg. Spez.

14.6. Special precautions for user

Transport always in closed, upright and safe containers. Make sure that persons transporting the product know what to do in case of an accident or leakage.

Advices on safe handling: see parts 6 - 8

Further information

Land transport (ADR/RID)

tunnel restriction code

E

Sea transport (IMDG)

EmS-No.

F-A, S-F

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU legislation

Information according to 1999/13/EC about limitation of emissions of volatile organic compounds (VOC-guideline).

VOC-value (in g/L) ISO 11890-2: 0

VOC-value (in g/L) ASTM D 2369: 0

National regulations

Restrictions of occupation

Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).

Other regulations, restrictions and prohibition regulations

15.2. Chemical Safety Assessment

Chemical safety assessments for substances in this preparation were not carried out.

16. Other information

Full text of classification in section 3:

Aquatic Acute 1 / H400 Hazardous to the aquatic environment

Very toxic to aquatic organisms.

Aquatic Chronic 1 / H410 Hazardous to the aquatic environment

Very toxic to aquatic life with long lasting effects.

Abbreviations and acronyms

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

Further information

Classification according to Regulation (EC) No 1272/2008 [CLP]

Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)
according to Regulation (EU) No 453/2010

Page 19 of 31

Article No.: BOB ROSS TW Bob Ross Titanium White
Print date 13.04.2021 Revision date 13.04.2021
Version 1.1 Issue date 13.04.2021

EN
Page 7 / 7

The information supplied on this safety data sheet complies with our current level of knowledge as well as with national and EU regulations. Without written approval, the product must not be used for purposes different from those mentioned in chapter 1. It is always the user's duty to take any necessary measures for meeting the requirements laid down by local rules and regulations. The details in this safety data sheet describe the safety requirements of our product and are not to be regarded as guaranteed attributes of the product.

Article No.: BOB ROSS CAD Bob Ross Cadmium Colours
 Print date 13.04.2021 Revision date 13.04.2021
 Version 1.2 Issue date 13.04.2021 EN
 Page 1 / 6

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. product identifiers

Article No. (manufacturer/supplier): BOB ROSS CAD
 Identification of the substance or mixture Bob Ross Cadmium Colours
 701, 702, 703, 705

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses:

Artists supply and hobby preparations
 Coatings and paints, thinners, paint removers

1.3. Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/downstream user/distributor):

Daler-Rowney Ltd
 Peacock Lane Telephone: +44 (0) 1344 461083
 Bracknell, RG12 8SS Telefax: +44 (0) 1344 486511
 ENGLAND

Dept. responsible for information:

E-mail Philip.Gray@daler-rowney.com

1.4. Emergency telephone number

Emergency telephone: 03030686700 03030686700

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

2.2. Label elements

The product is classified and labelled according to EC directives or corresponding national laws.

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms

Hazard statements

not applicable

Precautionary statements

not applicable

contains:

not applicable

Supplemental Hazard information (EU)

not applicable

2.3. Other hazards

Materials such as cleaning rags, paper wipes and protective clothing, which are contaminated with the product may spontaneously self-ignite some hours later.

WARNING: This product can expose you to cadmium which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov <<http://www.p65warnings.ca.gov/>>.

SECTION 3: Composition / information on ingredients

3.2. Mixtures

Product description / chemical characterization

Description oil paint

Hazardous ingredients

Classification according to Regulation (EC) No 1272/2008 [CLP]

EC No.

REACH No.

CAS No.

Chemical name

Wt %

Article No.: BOB ROSS CAD Bob Ross Cadmium Colours
 Print date 13.04.2021 Revision date 13.04.2021
 Version 1.2 Issue date 13.04.2021

EN
 Page 2 / 6

INDEX No.	classification:	Remark
-----------	-----------------	--------

not applicable

Additional information

Full text of classification: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness give nothing by mouth, place in recovery position and seek medical advice.

In case of inhalation

Remove casualty to fresh air and keep warm and at rest. In case of irregular breathing or respiratory arrest provide artificial respiration.

Following skin contact

Take off immediately all contaminated clothing. After contact with skin, wash immediately with plenty of water and soap. Do not use solvents or thinners.

After eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice immediately.

After ingestion

If swallowed, rinse mouth with water (only if the person is conscious). Seek medical advice immediately. Keep victim calm. Do NOT induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed

In all cases of doubt, or when symptoms persist, seek medical advice.

4.3. Indication of any immediate medical attention and special treatment needed

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

alcohol resistant foam, carbon dioxide, Powder, spray mist, (water)

Extinguishing media which must not be used for safety reasons:

strong water jet

5.2. Special hazards arising from the substance or mixture

Dense black smoke occurs during fire. Inhaling hazardous decomposing products can cause serious health damage. Vapours form explosive mixtures with air.

5.3. Advice for firefighters

Provide a conveniently located respiratory protective device. Do not allow water used to extinguish fire to enter drains, ground or waterways. Cool closed containers that are near the source of the fire.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Keep away from sources of ignition. Ventilate affected area. Do not breathe vapours.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. If the product contaminates lakes, rivers or sewages, inform competent authorities in accordance with local regulations. Vapours form explosive mixtures with air.

6.3. Methods and material for containment and cleaning up

Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculit, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations (see section 13).

6.4. Reference to other sections

Observe protective provisions (see section 7 and 8).

SECTION 7: Handling and storage

Article No.: BOB ROSS CAD Bob Ross Cadmium Colours
Print date 13.04.2021 Revision date 13.04.2021
Version 1.2 Issue date 13.04.2021

EN
Page 3 / 6

7.1. Precautions for safe handling

Advices on safe handling

Avoid formation of flammable and explosive vapour concentrations in the air and exceeding the exposure limit values. Only use the material in places where open light, fire and other flammable sources can be kept away. Electrical equipment must be protected meeting the accepted standard. Product may become electrostatically charged. Provide earthing of containers, equipment, pumps and ventilation facilities. Anti-static clothing including shoes are recommended. Floors must be electrically conductive. Keep away from heat sources, sparks and open flames. Use only spark proof tools. Avoid contact with skin, eyes and clothes. Do not inhale dusts, particulates and spray mist when using this preparation. Avoid respiration of swarf. When using do not eat, drink or smoke. Personal protection equipment: refer to section 8. Do not empty containers with pressure - no pressure vessel! Always keep in containers that correspond to the material of the original container. Follow the legal protection and safety regulations.

Precautions against fire and explosion:

Vapours are heavier than air. Vapours form explosive mixtures with air.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Storage in accordance with the Ordinance on Industrial Safety and Health (BetrSiVO). Keep container tightly closed. Do not empty containers with pressure - no pressure vessel! Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks. Soils have to conform to the "Guidelines for avoidance of ignition hazards due to electrostatic charges (BGR 132)".

Hints on joint storage

Keep away from strongly acidic and alkaline materials as well as oxidizers.

Further information on storage conditions

Take care of instructions on label. Store in a well-ventilated and dry room at temperatures between 15 °C and 30 °C. Protect from heat and direct sunlight. Keep container tightly closed. Remove all sources of ignition. Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks.

7.3. Specific end use(s)

Observe technical data sheet. Observe instructions for use.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit values:

INDEX No. not applicable / CAS No.

8.2. Exposure controls

Provide good ventilation. This can be achieved with local or room suction. If this should not be sufficient to keep aerosol and solvent vapour concentration below the exposure limit values, a suitable respiratory protection must be used.

Occupational exposure controls

Respiratory protection

If concentration of solvents is beyond the occupational exposure limit values, approved and suitable respiratory protection must be used. Observe the wear time limits according GefStoffV in combination with the rules for using respiratory protection apparatus (BGR 190). Use only respiratory protection equipment with CE-symbol including four digit test number.

Hand protection

For prolonged or repeated handling the following glove material must be used: NBR (Nitrile rubber)

Thickness of the glove material > 0,4 mm ; Breakthrough time (maximum wearing time) > 480 min.

Observe the instructions and details for use, storage, maintenance and replacement provided by the protective glove manufacturer. Penetration time of glove material depending on intensity and duration of exposure to skin. Recommended glove articles EN ISO 374

Barrier creams can help protecting exposed skin areas. In no case should they be used after contact.

Eye protection

Wear closely fitting protective glasses in case of splashes.

Protective clothing

Wear antistatic clothing of natural fibers (cotton) or heat resistant synthetic fibers.

Protective measures

After contact clean skin thoroughly with water and soap or use appropriate cleanser.

Article No.: BOB ROSS CAD Bob Ross Cadmium Colours
 Print date 13.04.2021 Revision date 13.04.2021
 Version 1.2 Issue date 13.04.2021

EN
 Page 4 / 6

Environmental exposure controls

Do not allow to enter into surface water or drains. See chapter 7. No additional measures necessary.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance: Liquid
Physical state Liquid
Colour refer to label
Odour characteristic

Safety relevant basis data	Unit	Method	Remark
Flash point:	not applicable °C	DIN 53213	
Ignition temperature in °C:	300 °C		
Lower explosion limit	not applicable Vol-%		
Upper explosion limit	not applicable Vol-%		
Vapour pressure at 20 °C::	0,49		
Density at 20 °C::	1,00 g/cm³		
Water solubility (g/L)	insoluble		
pH at 20 °C::	-		
Viscosity at 20 °C:	> 50 mPa*s		
Solvent separation test (%)	< 3 %		
boiling point in °C at 101,3 kPa	350 °C		

9.2. Other information:

SECTION 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to section 7.

10.3. Possibility of hazardous reactions

Keep away from strong acids, strong bases and strong oxidizing agents to avoid exothermic reactions. Materials such as cleaning rags, paper wipes and protective clothing, which are contaminated with the product may spontaneously self-ignite some hours later. Vapours form explosive mixtures with air.

10.4. Conditions to avoid

Hazardous decomposition byproducts may form with exposure to high temperatures.

10.5. Incompatible materials

10.6. Hazardous decomposition products

Hazardous decomposition byproducts may form with exposure to high temperatures, e.g.: carbon dioxide, carbon monoxide, smoke, nitrogen oxides.

SECTION 11: Toxicological information

Classification according to Regulation (EC) No 1272/2008 [CLP]
 No data on preparation itself available.

11.1. Information on toxicological effects

Acute toxicity

Toxicological data are not available.

skin corrosion/irritation; Serious eye damage/eye irritation

Toxicological data are not available.

Respiratory or skin sensitisation

Toxicological data are not available.

Specific target organ toxicity

Toxicological data are not available.

Aspiration hazard

Toxicological data are not available.

Practical experience/human evidence

Article No.: BOB ROSS CAD Bob Ross Cadmium Colours
Print date 13.04.2021 Revision date 13.04.2021
Version 1.2 Issue date 13.04.2021

EN
Page 5 / 6

Other observations:

Inhaling of solvent components above the MWC-value can lead to health damage, e.g. irritation of the mucous membrane and respiratory organs, as well as damage to the liver, kidneys and the central nerve system. Indications for this are: headache, dizziness, fatigue, amyosthenia, drowsiness, in serious cases: unconsciousness. Solvents may cause some of the aforementioned effects through skin resorption. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and/or absorption through skin. Splashing may cause eye irritation and reversible damage.

Overall Assessment on CMR properties

The ingredients in this mixture do not meet the criteria for classification as CMR category 1A or 1B according to CLP.

Remark

There is no information available on the preparation itself .

SECTION 12: Ecological information

overall evaluation

Classification according to Regulation (EC) No 1272/2008 [CLP]

There is no information available on the preparation itself .

Do not allow to enter into surface water or drains.

12.1. Toxicity

Toxicological data are not available.

12.2. Persistence and degradability

Toxicological data are not available.

12.3. Bioaccumulative potential

Toxicological data are not available.

12.4. Mobility in soil

Toxicological data are not available.

12.5. Results of PBT assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Appropriate disposal / Product Recommendation

Do not allow to enter into surface water or drains. This material and its container must be disposed of in a safe way. Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.

List of proposed waste codes/waste designations in accordance with EWC

080112 waste paint and varnish other than those mentioned in 080111

packaging

Recommendation

Non-contaminated packages may be recycled. Vessels not properly emptied are special waste. Send to a collecting point for used paints.

SECTION 14: Transport information

No dangerous good in sense of this transport regulation.

14.1. UN number

not applicable

14.2. UN proper shipping name

14.3. Transport hazard class(es)

not applicable

14.4. Packing group

not applicable

14.5. Environmental hazards

Land transport (ADR/RID)

not applicable

Article No.:	BOB ROSS CAD	Bob Ross Cadmium Colours	EN
Print date	13.04.2021	Revision date 13.04.2021	
Version	1.2	Issue date 13.04.2021	Page 6 / 6

Marine pollutant not applicable

14.6. Special precautions for user

Transport always in closed, upright and safe containers. Make sure that persons transporting the product know what to do in case of an accident or leakage.
 Advices on safe handling: see parts 6 - 8

Further information

Land transport (ADR/RID)

tunnel restriction code -

Sea transport (IMDG)

EmS-No. not applicable

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU legislation

Information according to 1999/13/EC about limitation of emissions of volatile organic compounds (VOC-guideline).

VOC-value (in g/L) ISO 11890-2: 0

VOC-value (in g/L) ASTM D 2369: 0

National regulations

Restrictions of occupation

Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.
 Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).

Other regulations, restrictions and prohibition regulations

15.2. Chemical Safety Assessment

Chemical safety assessments for substances in this preparation were not carried out.

16. Other information

Full text of classification in section 3:

Abbreviations and acronyms

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

Further information

Classification according to Regulation (EC) No 1272/2008 [CLP]

The information supplied on this safety data sheet complies with our current level of knowledge as well as with national and EU regulations. Without written approval, the product must not be used for purposes different from those mentioned in chapter 1. It is always the user's duty to take any necessary measures for meeting the requirements laid down by local rules and regulations. The details in this safety data sheet describe the safety requirements of our product and are not to be regarded as guaranteed attributes of the product.

Article No.: BOB ROSS OILS all colours apart from whites
 Print date 13.04.2021 Revision date 13.04.2021
 Version 1.1 Issue date 13.04.2021 EN
 Page 1 / 6

SECTION 1: Identification of the substance/mixture and of the company/undertaking

- 1.1. **product identifiers**
 Article No. (manufacturer/supplier): BOB ROSS OILS
 Identification of the substance or mixture all colours apart from whites
- 1.2. **Relevant identified uses of the substance or mixture and uses advised against**
Relevant identified uses:
 Artists supply and hobby preparations
 Coatings and paints, thinners, paint removers
- 1.3. **Details of the supplier of the safety data sheet**
Supplier (manufacturer/importer/downstream user/distributor):
 Daler-Rowney Ltd
 Peacock Lane Telephone: +44 (0) 1344 461083
 Bracknell, RG12 8SS Telefax: +44 (0) 1344 486511
 ENGLAND
Dept. responsible for information:
 E-mail Philip.Gray@daler-rowney.com
- 1.4. **Emergency telephone number**
 Emergency telephone: 03030686700 03030686700

SECTION 2: Hazards identification

- 2.1. **Classification of the substance or mixture**
Classification according to Regulation (EC) No 1272/2008 [CLP]
 The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].
- 2.2. **Label elements**
 The product is classified and labelled according to EC directives or corresponding national laws.
Labelling according to Regulation (EC) No. 1272/2008 [CLP]
Hazard pictograms
Hazard statements
 not applicable
Precautionary statements
 not applicable
contains:
 not applicable
Supplemental Hazard information (EU)
 not applicable
- 2.3. **Other hazards**
 Materials such as cleaning rags, paper wipes and protective clothing, which are contaminated with the product may spontaneously self-ignite some hours later.

SECTION 3: Composition / information on ingredients

- 3.2. **Mixtures**
Product description / chemical characterization
Description oil paint
Hazardous ingredients
Classification according to Regulation (EC) No 1272/2008 [CLP]
- | EC No. | REACH No. | Wt % |
|-----------|-----------------|--------|
| CAS No. | Chemical name | Remark |
| INDEX No. | classification: | |

Article No.: BOB ROSS OILS all colours apart from whites
Print date 13.04.2021 Revision date 13.04.2021
Version 1.1 Issue date 13.04.2021

EN
Page 2 / 6

not applicable

Additional information

Full text of classification: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness give nothing by mouth, place in recovery position and seek medical advice.

In case of inhalation

Remove casualty to fresh air and keep warm and at rest. In case of irregular breathing or respiratory arrest provide artificial respiration.

Following skin contact

Take off immediately all contaminated clothing. After contact with skin, wash immediately with plenty of water and soap. Do not use solvents or thinners.

After eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice immediately.

After ingestion

If swallowed, rinse mouth with water (only if the person is conscious). Seek medical advice immediately. Keep victim calm. Do NOT induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed

In all cases of doubt, or when symptoms persist, seek medical advice.

4.3. Indication of any immediate medical attention and special treatment needed

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

alcohol resistant foam, carbon dioxide, Powder, spray mist, (water)

Extinguishing media which must not be used for safety reasons:

strong water jet

5.2. Special hazards arising from the substance or mixture

Dense black smoke occurs during fire. Inhaling hazardous decomposing products can cause serious health damage. Vapours form explosive mixtures with air.

5.3. Advice for firefighters

Provide a conveniently located respiratory protective device. Do not allow water used to extinguish fire to enter drains, ground or waterways. Cool closed containers that are near the source of the fire.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Keep away from sources of ignition. Ventilate affected area. Do not breathe vapours.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. If the product contaminates lakes, rivers or sewages, inform competent authorities in accordance with local regulations. Vapours form explosive mixtures with air.

6.3. Methods and material for containment and cleaning up

Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculit, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations (see section 13).

6.4. Reference to other sections

Observe protective provisions (see section 7 and 8).

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Article No.: BOB ROSS OILS all colours apart from whites
Print date 13.04.2021 Revision date 13.04.2021
Version 1.1 Issue date 13.04.2021

EN
Page 3 / 6

Advices on safe handling

Avoid formation of flammable and explosive vapour concentrations in the air and exceeding the exposure limit values. Only use the material in places where open light, fire and other flammable sources can be kept away. Electrical equipment must be protected meeting the accepted standard. Product may become electrostatically charged. Provide earthing of containers, equipment, pumps and ventilation facilities. Anti-static clothing including shoes are recommended. Floors must be electrically conductive. Keep away from heat sources, sparks and open flames. Use only spark proof tools. Avoid contact with skin, eyes and clothes. Do not inhale dusts, particulates and spray mist when using this preparation. Avoid respiration of swarf. When using do not eat, drink or smoke. Personal protection equipment: refer to section 8. Do not empty containers with pressure - no pressure vessel! Always keep in containers that correspond to the material of the original container. Follow the legal protection and safety regulations.

Precautions against fire and explosion:

Vapours are heavier than air. Vapours form explosive mixtures with air.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Storage in accordance with the Ordinance on Industrial Safety and Health (BetrSivO). Keep container tightly closed. Do not empty containers with pressure - no pressure vessel! Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks. Soils have to conform to the "Guidelines for avoidance of ignition hazards due to electrostatic charges (BGR 132)".

Hints on joint storage

Keep away from strongly acidic and alkaline materials as well as oxidizers.

Further information on storage conditions

Take care of instructions on label. Store in a well-ventilated and dry room at temperatures between 15 °C and 30 °C. Protect from heat and direct sunlight. Keep container tightly closed. Remove all sources of ignition. Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks.

7.3. Specific end use(s)

Observe technical data sheet. Observe instructions for use.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit values:

INDEX No. not applicable / CAS No.

8.2. Exposure controls

Provide good ventilation. This can be achieved with local or room suction. If this should not be sufficient to keep aerosol and solvent vapour concentration below the exposure limit values, a suitable respiratory protection must be used.

Occupational exposure controls

Respiratory protection

If concentration of solvents is beyond the occupational exposure limit values, approved and suitable respiratory protection must be used. Observe the wear time limits according GefStoffV in combination with the rules for using respiratory protection apparatus (BGR 190). Use only respiratory protection equipment with CE-symbol including four digit test number.

Hand protection

For prolonged or repeated handling the following glove material must be used: NBR (Nitrile rubber)

Thickness of the glove material > 0,4 mm ; Breakthrough time (maximum wearing time) > 480 min.

Observe the instructions and details for use, storage, maintenance and replacement provided by the protective glove manufacturer. Penetration time of glove material depending on intensity and duration of exposure to skin. Recommended glove articles EN ISO 374

Barrier creams can help protecting exposed skin areas. In no case should they be used after contact.

Eye protection

Wear closely fitting protective glasses in case of splashes.

Protective clothing

Wear antistatic clothing of natural fibers (cotton) or heat resistant synthetic fibers.

Protective measures

After contact clean skin thoroughly with water and soap or use appropriate cleanser.

Environmental exposure controls

Do not allow to enter into surface water or drains. See chapter 7. No additional measures necessary.

Article No.: BOB ROSS OILS all colours apart from whites
 Print date 13.04.2021 Revision date 13.04.2021
 Version 1.1 Issue date 13.04.2021 EN
 Page 4 / 6

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance: Liquid
Physical state Liquid
Colour refer to label
Odour characteristic

Safety relevant basis data	Unit	Method	Remark
Flash point:	not applicable °C	DIN 53213	
Ignition temperature in °C:	not applicable °C		
Lower explosion limit	not applicable Vol-%		
Upper explosion limit	not applicable Vol-%		
Vapour pressure at 20 °C::	0,49		
Density at 20 °C::	1,00 g/cm³		
Water solubility (g/L)	insoluble		
pH at 20 °C::	-		
Viscosity at 20 °C:	> 90 mPa*s		
Solvent separation test (%)	< 3 %		
boiling point in °C at 101,3 kPa	not applicable °C		

9.2. Other information:

SECTION 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to section 7.

10.3. Possibility of hazardous reactions

Keep away from strong acids, strong bases and strong oxidizing agents to avoid exothermic reactions. Materials such as cleaning rags, paper wipes and protective clothing, which are contaminated with the product may spontaneously self-ignite some hours later. Vapours form explosive mixtures with air.

10.4. Conditions to avoid

Hazardous decomposition byproducts may form with exposure to high temperatures.

10.5. Incompatible materials

10.6. Hazardous decomposition products

Hazardous decomposition byproducts may form with exposure to high temperatures, e.g.: carbon dioxide, carbon monoxide, smoke, nitrogen oxides.

SECTION 11: Toxicological information

Classification according to Regulation (EC) No 1272/2008 [CLP]
 No data on preparation itself available.

11.1. Information on toxicological effects

Acute toxicity

Toxicological data are not available.

skin corrosion/irritation; Serious eye damage/eye irritation

Toxicological data are not available.

Respiratory or skin sensitisation

Toxicological data are not available.

Specific target organ toxicity

Toxicological data are not available.

Aspiration hazard

Toxicological data are not available.

Practical experience/human evidence

Other observations:

Inhaling of solvent components above the MWC-value can lead to health damage, e.g. irritation of the mucous membrane and respiratory organs, as well as damage to the liver, kidneys and the central nerve system. Indications for this are:

Page 5 / 6

There is no information available on the preparation itself.

14.6. Special precautions for user

Article No.:	BOB ROSS OILS	all colours apart from whites	EN
Print date	13.04.2021	Revision date 13.04.2021	Page 6 / 6
Version	1.1	Issue date 13.04.2021	

Transport always in closed, upright and safe containers. Make sure that persons transporting the product know what to do in case of an accident or leakage.

Advices on safe handling: see parts 6 - 8

Further information

Land transport (ADR/RID)

tunnel restriction code -

Sea transport (IMDG)

EmS-No. not applicable

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU legislation

Information according to 1999/13/EC about limitation of emissions of volatile organic compounds (VOC-guideline).

VOC-value (in g/L) ISO 11890-2: 0

VOC-value (in g/L) ASTM D 2369: 0

National regulations

Restrictions of occupation

Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).

Other regulations, restrictions and prohibition regulations

15.2. Chemical Safety Assessment

Chemical safety assessments for substances in this preparation were not carried out.

16. Other information

Full text of classification in section 3:

Abbreviations and acronyms

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

Further information

Classification according to Regulation (EC) No 1272/2008 [CLP]

The information supplied on this safety data sheet complies with our current level of knowledge as well as with national and EU regulations. Without written approval, the product must not be used for purposes different from those mentioned in chapter 1. It is always the user's duty to take any necessary measures for meeting the requirements laid down by local rules and regulations. The details in this safety data sheet describe the safety requirements of our product and are not to be regarded as guaranteed attributes of the product.