74997-1001

Safety	Safety Data Sheet			
Section 1 - Identification				
Bob Ross® Liquid White Bob Ross® Liquid Black (Bob Ross® Liquid Opal C	Oil Paint ¹	GOLDEN ITEM# CBR06207 GOLDEN ITEM# CBR06227 GOLDEN ITEM# CBR06239		
		¹ Contains Carbon Black		
GOLDEN ARTIST COLOI 188 BELL ROAD NEW BERLIN, NY 13411	RS, INC.	Phone: (607) 847-6154 In US and Canada only: (800) 959-6543		
Prepared by: Regulatory [Department			
Product Use: Artist's Pain Not recommended for: Us	-			
	<u>Sec</u>	tion 2 - Hazards Identification		
<u>GHS Ratings:</u> Flammable liquid <u>GHS Hazards</u>	4	Flash point >= 60°C (140°F) and <= 93°C (200°F)		
H227	Combustibl	e liquid		
GHS Precautions				
P210Keep away from heat/sparks/open flames/hot surfaces – No smokingP235Keep cool				
P280 P370+P378	Wear protective gloves/protective clothing/eye protection/face protection In case of fire: Use for extinction			
P403+P235		vell ventilated place. Keep cool		
P501		Dispose of contents/container according to Section 13		

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

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 s 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		

SDS for: CBR06207, CBR06227, CBR06239

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

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

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 Not available (n-octanol/water): 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

SDS for: CRR06207, CRR06227, CRR06239 Item Numbers: 74997-1001, 74997-1002, 74997-1003

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Oral LD50: 5,000 mg/kg (RAT)

64742-48-9 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:

CAS Number	Description
14808-60-7	Quartz (Crystalline Silica)

<u>% Weight</u> 0.1% - < 1.0% <u>Carcinogen Rating</u> 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>	Proper Shipping Name
DOT	Not Regulated
IATA	Not Regulated
IMDG	Not Regulated

<u>UN Number</u>

Packing

Hazard Class

Section 15 - Regulatory

SDS for: CBR06207, CBR06227, CBR06239

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

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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 14808-60-7	Carbon Black ¹ Quartz (Crystalline Silica)	Carcinogen Carcinogen	
<u>Country</u> AUSTRALIA CANADA EUROPE EUROPE JAPAN CHINA KOREA NEW ZEALAND PHILIPPINES USA	Domestic Substar European Invento European List of I Inventory of Existi Inventory of Existi Korean Existing O New Zealand Inve Philippine Invento	Inventory of Chemical Substances nces List (DSL) and Non-Domestic ory of Existing Commercial Chemical Notified Chemical Substances ing and New Chemical Substances ing Chemical Substances in China Chemicals Inventory (KECI) entory of Chemicals (NZIoC) ory of Chemicals and Chemical stances Control Act (TSCA) Inventory	All Components Listed Yes Yes Yes No No Yes Yes Yes Yes Yes
00.1			

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 Date Prepared: 1/7/2021 **Reviewer Revision 1**

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	SECTION	1: Identifi	cation of the substan	ce/mixture and of th	ne company/undertaking
1.1.	product id	entifiers			
			er/supplier): ostance or mixture	750006740 BOB ROSS PAIN	TING MEDIUM
1.2.	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 supplie	r of the safety data shee	et	
	Supplier (r Daler-Rown Peacock La	ney Ltd	er/importer/downstream	user/distributor): Telephone: +44 (0	0) 1344 461083
	Bracknell, I ENGLAND			Telefax: +44 (0) 1	344 486511
	Dept. resp	onsible for	information:		
	E-mail			Philip.Gray@dale	r-rowney.com
1.4.	-	y telephone / telephone:	e number 03030686700	03030686700	
	SECTION	2: Hazard	s identification		
2.1.	Classificat	tion of the s	substance or mixture		
			ing to Regulation (EC) N		
			d as hazardous according		
	Flam. Liq. 3 Aquatic Ch	3 / H226 ronic 4 / H4 ⁻	Flammable liquid 13 Hazardous to the	ds e aquatic environment	Flammable liquid and vapour. May cause long lasting harmful effects to aquatic life.
2.2.	Label elen	nents			
	•		•		responding national laws.
			o Regulation (EC) No. 1	272/2008 [CLP]	
	Hazard pic	tograms			
		Warning	9		
	Hazard sta H226		Flammable liquid and vap	our	
	H413		May cause long lasting ha		c life.
	P301 + P33 P102 P103	I	F SWALLOWED: rinse m Keep out of the reach of c Read label before use.	children.	
	P210 P233 P243 P273	 -	Keep away from heat, hot Keep container tightly clos Take precautionary meas Avoid release to the envir	sed. ures against static disc	n flames and other ignition sources. No smoking. charges.
	P280 P303 + P30 P370 + P3	61 + P353 78	Wear protective gloves/pr F ON SKIN (or hair): Tak n case of fire: Use foam t	rotective clothing/eye p e off immediately all cc to extinguish.	rotection/face protection. ntaminated clothing. Rinse skin with water/or shower.
	P403 + P23 P501		Store in a well-ventilated Dispose of contents/conta		h local legislation
	contains:	•			
			not applicable		
	Suppleme		information (EU) not applicable		

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2.3. Other hazards

3.2.

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

Mixtures

Product description / chemical characterization

Description Painting Medium for Oil-Colour

SECTION 3: Composition / information on ingredients

Hazardous ingredients

EC No.	REACH No.	
CAS No.	Chemical name	Wt %
INDEX No.	classification:	Remark
918-167-1	01-2119472146-39	
64741-65-7	Hydrocarbons, C11-C12, Isoalkanes, <2% Aromatics	25 - 50
	Flam. Lig. 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

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61 Personal precautions, protective equipment and emergency procedures

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

Environmental precautions 6.2.

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).

Reference to other sections 6.4.

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.

Conditions for safe storage, including any incompatibilities 7.2.

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

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	Thickness Observe t manufactu glove articl	of the glove material he instructions and rer. Penetration time les EN ISO 374	ling the following glove materi > 0,4 mm; Breakthrough time details for use, storage, ma of glove material depending ing exposed skin areas. In no	(maximum we lintenance an on intensity	earing time) > 480 min. d replacement provided and duration of exposure		
	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.						
	After conta		hly with water and soap or use	e appropriate o	cleanser.		
	-	ental exposure cont ow to enter into surfac	e water or drains. See chapte	r 7. No additio	nal measures necessary.		
	SECTION	I 9: Physical and c	hemical properties				
9.1.	Appearan Physical s Colour	ce:	l and chemical properties Liquid Liquid refer to label				
	Odour		characteristic				
	-	evant basis data	- 6	Unit)°C	Method DIN 53213	Remark	
	Lower exp	emperature in °C: plosion limit	300 0,6) °C 6 Vol-%	DIN 33213		
		olosion limit ressure at 20 °C::	0,628	6 Vol-%			
	Density at) g/cm³			
		ubility (g/L)	insoluble	e			
	pH at 20 ° Viscosity		< 21	-) mPa*s			
	-	eparation test (%)		3 %			
	boiling po	oint in °C at 101,3 kP	a 18 ⁻	7 °C			
.2.	Other info	rmation:					
	SECTION	10: Stability and	reactivity				
D.1.	Reactivity	,					
0.2.	Chemical Stable whe section 7.	•	nmended regulations for stora	ge and handli	ng. Further information on	correct storage: refer to	
0.3.	Keep awa cleaning ra	ags, paper wipes and	t ions strong bases and strong oxid d protective clothing, which ar explosive mixtures with air.				
0.4.	Condition Hazardous		oducts may form with exposure	e to high temp	eratures.		
0.5.	Incompati	ble materials					
0.6.	Hazardous	s decomposition pro decomposition bypro rogen oxides.	oducts oducts may form with exposu	re to high tem	peratures, e.g.: carbon dio	xide, carbon monoxide,	
	SECTION	11: Toxicologica	information				
		ion according to Regun preparation itself av	ulation (EC) No 1272/2008 [Cl ailable.	_P]			
11	Informatio	on on toxicological e	effects				
	Acute tox	icity					

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or M	frocarbons, C11-C12, Iso al, LD50, Rat: > 5000 mg ethod: OECD 401 ermal, LD50, Rabbit: > 50	/kg					
		erious eye damage/eye irritation					
Hyc Si Ca	frocarbons, C11-C12, Iso kin (4 h) auses mild skin irritation. res: evaluation Not an irrit	alkanes, <2% Aromatics					
Res	Respiratory or skin sensitisation						
Тох	Toxicological data are not available.						
Spe	Specific target organ toxicity						
Тох	icological data are not av	ailable.					
Asp	piration hazard						
Тох	icological data are not av	ailable.					
Pra	ctical experience/huma	n evidence					
and hea afoi nati	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.						
Ove	Overall Assessment on CMR properties						
The	ingredients in this mixtur	e do not meet the criteria for classification a	as CMR category 1A or 1B according to CLP.				
Rei	mark						
The	There is no information available on the preparation itself.						
SE	SECTION 12: Ecological information						
ove Cla The	erall evaluation ssification according to R	egulation (EC) No 1272/2008 [CLP] able on the preparation itself .					
12.1. To							
Lor	ng-term Ecotoxicity						
Ma	y cause long lasting harm	ful effects to aquatic life.					
12.2. Per	sistence and degradabi	lity					
12.3. Bio	accumulative potential icological data are not av						
12.4. Mo	bility in soil icological data are not av						
	sults of PBT assessmen						

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 Print c Versic	late	750006740 13.04.2021 1.1	BOB ROSS PAINTING MEDIUMRevision date 13.04.2021ENIssue date 13.04.2021Page 6 / 7
	List of p 140603*	roposed waste coo other s	ve 2008/98/EC, covering waste and dangerous waste. des/waste designations in accordance with EWC solvents and solvent mixtures
		nendation aminated packages	may be recycled. Vessels not properly emptied are special waste. Send to a collecting point fo
	SECTIO	N 14: Transport i	nformation
14.1.	UN numb	er	
110			UN 1993
14.2.		er shipping name Insport (ADR/RID):	Flammable liquid, n.o.s. (Hydrocarbons, C11-C12, Isoalka nes, <2% Aromatics)
	Sea trans	sport (IMDG):	FLAMMABLE LIQUID, N.O.S. (Hydrocarbons, C11-C12, Isoalka nes, <2% Aromatics)
	Air transp	oort (ICAO-TI / IATA	
14.3.	Transpor	t hazard class(es)	3
14.4.	Packing	group	
14.5.	Environr	nental hazards	
	Land trar	nsport (ADR/RID)	not applicable
	Marine p	ollutant	not applicable
14.6.	Transpor case of a	precautions for use t always in closed, u in accident or leakag on safe handling: se	pright and safe containers. Make sure that persons transporting the product know what to do in ge.
	Further i	nformation	
	Land tra	nsport (ADR/RID)	
	tunnel res	striction code	D/E
	Sea tran	sport (IMDG)	
	EmS-No.		F-E, S-E
14.7.	Transpo not applie		g to Annex II of Marpol and the IBC Code
	SECTIO	N 15: Regulatory	information
15.1.			nental regulations/legislation specific for the substance or mixture
	EU legis		
	Informat		
	National	regulations	
	Observe		tions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers. byment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).
	Other reg	gulations, restriction	ons and prohibition regulations
15.2.		I Safety Assessme ollowing substanc	ent es of this preparation a chemical safety assessment has been carried out:
	EC No. CAS No.	Chem	ical name REACH No.

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	918-167-1 64741-65-7	,	rbons, C11-C12, Isoalkanes, <2% Aromatics	01-2119472146-39
16.	Other info	ormation		
	Full text of	classification in s	ection 3:	
	Flam. Liq. 3	6 / H226	Flammable liquids	Flammable liquid and vapour.
	Asp. Tox. 1	/ H304	Aspiration hazard	May be fatal if swallowed and enters airways.
	Aquatic Chr	onic 4 / H413	Hazardous to the aquatic environment	May cause long lasting harmful effects to aquatic life.
	Abbreviatio	ons 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 Print c Versic	late ²	3OB ROSS TW 13.04.2021 1.1	Bob Ross Titanium Revision date 13.0 Issue date 13.04.20	4.2021		EN Page 1 / 7		
	SECTION 1	: Identification	of the substance/	mixture and	of the comp	pany/under	taking	
1.1.		itifiers anufacturer/suppl of the substance o		BOB ROSS Bob Ross Tit	TW anium White			
1.2.	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.		••	safety data sheet		N-			
	Daler-Rowne Peacock Lan Bracknell, RC ENGLAND	y Ltd	ter/downstream us	Telephone: +): ·44 (0) 1344 4 (0) 1344 4865			
	Dept. respor	sible for informa	tion:					
	E-mail			Philip.Gray@	daler-rowney	.com		
1.4.		elephone numbe elephone: 0303068		0303068670	0			
	SECTION 2	: Hazards ident	fication					
2.2.	 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. 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)							
0.0	044	not appli	cable					
2.3.			ags, paper wipes a hours later.	nd protective	clothing, whi	ich are cont	aminated with	the product may
	SECTION 3	: Composition /	information on in	ngredients				
3.2.	Mixtures Product des Description Hazardous in	oil paint	al characterization					

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	NI					
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	Classificatio	n according to R	egulation (EC) No 1272/2008 [CLP]			
	EC No.	REACH				
	CAS No.	Chemic	al name		Wt %	
	INDEX No.	classific	cation:		Remark	
	215-222-5					
	1314-13-2	zinc oxic	le		5 - 10	
	030-013-00-7	Aquatic	Acute 1 H400 / Aquatic Chronic 1 H41	0		
	Additional in	formation				
	Full text of cla	assification: see se	ection 16			
	SECTION 4	: First aid meas	sures			
4.1.	Description	of first aid meas	Ires			

General information

1

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

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Observe protective provisions (see section 7 and 8).

SECTION 7: Handling and storage

Precautions for safe handling 7.1.

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.

Specific end use(s) 7.3.

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

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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.							
		ental exposure cont					
			e water or drains. See chapter	7. No additio	nal measures necessary.		
	SECTION	9: Physical and c	hemical properties				
9.1.	Informatio	n on basic physical	and chemical properties				
0.11	Appearan	• •	Liquid				
	Physical s		Liquid				
	Colour		refer to label				
	Odour		characteristic				
	Safety rele	evant basis data		Unit	Method	Remark	
	Flash poin	it:	not applicable	°C	DIN 53213		
	-	mperature in °C:	not applicable				
		losion limit	not applicable				
		losion limit	not applicable	Vol-%			
		essure at 20 °C::	0,49	- 1 3			
	Density at	ubility (g/L)	insoluble	g/cm³			
	pH at 20 °C		Insoluble				
	Viscosity		> 90	mPa*s			
	-	eparation test (%)	< 3				
		int in °C at 101,3 kP					
9.2.	Other info	rmation:					
	SECTION	10: Stability and	reactivity				
10.1.	Reactivity	,					
	Chemical	etability					
10.2.		-	nmended regulations for storag	e and handlir	ng. Further information on co	prrect storage: refer to	
10.3.	Possibility	of hazardous react	ions				
	cleaning ra	igs, paper wipes and	strong bases and strong oxidi protective clothing, which are explosive mixtures with air.				
10.4.	Condition: Hazardous		oducts may form with exposure	to high temp	eratures.		
10.5.	Incompati	ble materials					
10.6.		decomposition pro	oducts oducts may form with exposure	to high tem	peratures, e.g.: carbon dioxi	de, carbon monoxide,	

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

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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

waste paint and varnish containing organic solvents or other dangerous substances

packaging

080111'

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

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				UN 3082		
14.2.		shipping name port (ADR/RID):			tally hazardou Weißsieg. Spe	s substance, liquid, n.o.s.
	Sea transp	oort (IMDG):		ÈNVIRONM		ZARDOUS SUBSTANCE, LIQUID, N.O.S.
	Air transpo	ort (ICAO-TI / IATA-E)GR):	Environmen		s substance, liquid, n.o.s.
14.3.	Transport	hazard class(es)		9		
14.4.	Packing g	roup				
14 5	Environm	ental hazards				
14.0.		port (ADR/RID)			EFÄHRDEND	
	Marine pol				id Weißsieg. S	Spez
14.6.		ecautions for user		p / it Linton	a troncereg. (
	Transport case of an		right and safe cont	tainers. Make	e sure that per	sons transporting the product know what to do in
	Further in	formation				
	Land trans	sport (ADR/RID)				
	tunnel rest	riction code		E		
	. .					
	-	port (IMDG)				
147	EmS-No.	in bulk according	to Annox II of Ma	F-A, S-F	IBC Code	
14.7.	not applica	in bulk according		rpor and the	IBC Code	
		I 15: Regulatory i				
15.1.	Safety, he EU legisla		ental regulations/	legislation s	pecific for the	e substance or mixture
	Information		2:	nitation of e	missions of v 0 0	olatile organic compounds (VOC-guideline).
		egulations				
	Restrictio Observe e	ns of occupation mployment restrictio		-		02/85/EEC) for expectant or nursing mothers. ork protection guideline' (94/33/EC).
	Other reg	ulations, restrictior	is and prohibitior	n regulations	5	
15.2.		Safety Assessmen safety assessments		this preparati	on were not ca	arried out.
16.	Other inf	ormation				
		f classification in s ute 1 / H400	ection 3: Hazardous to the	e aquatic envi	ronment	Very toxic to aquatic organisms.
	Aquatic Ch	nronic 1 / H410	Hazardous to the	e aquatic envi	ronment	Very toxic to aquatic life with long lasting effects.
	For abbre	20 (Table of terms a	ms, see: ECHA		n information	requirements and chemical safety assessment,
		ion according to Reg	julation (EC) No 12	272/2008 [CL	.P]	

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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 Print o Versio	date 13.04.202						
	SECTION 1: Identifi	ication of the substance/mixture and of the company/undertaking					
1.1.	product identifiers Article No. (manufactur Identification of the sub						
1.2.	Relevant identified uses: Artists supply and hobby preparations Coatings and paints, thinners, paint removers						
1.3.	Details of the supplie	r of the safety data sheet					
	Supplier (manufactur Daler-Rowney Ltd Peacock Lane Bracknell, RG12 8SS ENGLAND	rer/importer/downstream user/distributor): Telephone: +44 (0) 1344 461083 Telefax: +44 (0) 1344 486511					
	Dept. responsible for	information:					
1.4.	E-mail Emergency telephone	Philip.Gray@daler-rowney.com					
1.4.	Emergency telephone:						
	SECTION 2: Hazard	Is identification					
2.1.		substance or mixture ling to Regulation (EC) No 1272/2008 [CLP] ed as not hazardous according to regulation (EC) No 1272/2008 [CLP].					
2.2.	•	ed and labelled according to EC directives or corresponding national laws. To Regulation (EC) No. 1272/2008 [CLP]					
	Hazard statements	not applicable					
	Precautionary statem	nents not applicable					
	contains:						
	I	not applicable					
	Supplemental Hazard	I information (EU) not applicable					
2.3.	Other hazards						
	Materials such as cle spontaneously self-ign	eaning rags, paper wipes and protective clothing, which are contaminated with the product may ite some hours later.					
		can expose you to cadmium which is known to the State of California to cause cancer and birth defects or other ore information go to www.P65Warnings.ca.gov http://www.p65warnings.ca.gov/>.					
	SECTION 3: Compo	osition / information on ingredients					
3.2.	Mixtures						
	Product description /	chemical characterization					
	Description	oil paint					
	Hazardous ingredient						
	EC No.	ling to Regulation (EC) No 1272/2008 [CLP] REACH No. Chemical name Wt %					

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	INDEX N	lo. classific	cation:	Remark
		not appli	icable	
		al information of classification: see se	ection 16	
	SECTIO	N 4: First aid meas	sures	
4.1.	Descript	ion of first aid measu	ures	
	General	information		
	place in r	recovery position and		ice. In case of unconsciousness give nothing by mouth,
			and keep warm and at rest. In case of	f irregular breathing or respiratory arrest provide artificial
	Take off	ig skin contact immediately all contar solvents or thinners.	ninated clothing. After contact with sh	kin, wash immediately with plenty of water and soap. Do
	Rinse ca	e contact nutiously with water for advice immediately.	r several minutes. Remove contact le	enses, if present and easy to do. Continue rinsing. Seek
			water (only if the person is consciou	s). Seek medical advice immediately. Keep victim calm
4.2.	-		nd effects, both acute and delayed symptoms persist, seek medical advice	e.
4.3.		-	nedical attention and special treatn	nent needed
	SECTIO	N 5: Firefighting m	leasures	
5.1.	Suitable	shing media extinguishing media esistant foam, carbon	ı dioxide, Powder, spray mist, (water)	
		shing media which n	nust not be used for safety reasons	:
5.2.	Dense b			mposing products can cause serious health damage.
5.3.	Provide a		respiratory protective device. Do not a tainers that are near the source of the	allow water used to extinguish fire to enter drains, ground fire.
	SECTIO	N 6: Accidental rel	ease measures	
6.1.			tive equipment and emergency pro- ition. Ventilate affected area. Do not b	
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.			
	Methods Isolate le	and material for cor	ntainment and cleaning up	sand, earth, vermiculit, diatomaceous earth) and collect it
6.3.		ce to other sections	·	· · ·
6.3. 6.4.		protective provisions ((see section 7 and 8).	

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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 vesse!! 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.

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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

	SECTION 9: Physical and che	emical properties			
9.1.	Information on basic physical ar Appearance: Physical state Colour Odour	nd chemical properties Liquid Liquid refer to label characteristic			
	Safety relevant basis data		Unit	Method	Remark
	Flash point:	not applicable		DIN 53213	
	Ignition temperature in °C:	300			
	Lower explosion limit Upper explosion limit	not applicable not applicable			
	Vapour pressure at 20 °C::	0,49	V 01- 70		
	Density at 20 °C::		g/cm³		
	Water solubility (g/L)	insoluble	3		
	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 rea	activity			
10.1.	Reactivity				
10.2.	Chemical stability Stable when applying the recomm section 7.	ended regulations for storag	e and handlir	ng. Further information on a	correct storage: refer to
10.3.	Possibility of hazardous reaction Keep away from strong acids, str cleaning rags, paper wipes and p	rong bases and strong oxidi rotective clothing, which are			
10.4.	some hours later. Vapours form ex Conditions to avoid				
10 F	Hazardous decomposition byprodu	ucts may form with exposure	to high temp	eratures.	
	Incompatible materials				
10.6.	Hazardous decomposition produces the second		to high tem	peratures, e.g.: carbon dio:	xide, carbon monoxide,
	SECTION 11: Toxicological in	nformation			
	Classification according to Regula No data on preparation itself availa		2]		
11.1.	Information on toxicological effe	ects			
	Acute toxicity				
	Toxicological data are not available	e.			
	skin corrosion/irritation; Serious	s eye damage/eye irritation			
	Toxicological data are not available				
	Respiratory or skin sensitisation				
	Toxicological data are not available				
	Specific target organ toxicity	0.			
	Toxicological data are not available	e.			
	Aspiration hazard				
	Toxicological data are not available	e.			

Practical experience/human evidence

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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 14.1. UN proper shipping name 14.2. UN proper shipping name 14.3. Transport hazard class(es) 14.4. Packing group 14.5 Environmental hazards

14.5. Environmental hazards Land transport (ADR/RID) not applicable

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	Marine pollu		not applicable	
14.6.		ecautions for user		
	case of an a	lways in closed, upr accident or leakage. safe handling: see j		ure that persons transporting the product know what to do in
	Further inf	ormation		
	I and trans	port (ADR/RID)		
	tunnel restri	• • •	-	
	Sea transp	ort (IMDG)		
	EmS-No.		not applicable	
14.7.	Transport i	in bulk according t	o Annex II of Marpol and the IE	BC Code
	not applicat	ble		
	SECTION	15: Regulatory in	nformation	
15.1.	Safety, hea	Ith and environme	ntal regulations/legislation spe	ecific for the substance or mixture
	EU legislat	ion		
	Information	n according to 199	9/13/EC about limitation of emi	ssions of volatile organic compounds (VOC-guideline).
		(in g/L) ISO 11890-2		0
		(in g/L) ASTM D 23	69:	0
	National re	-		
	Observe en			Directive (92/85/EEC) for expectant or nursing mothers. 'juvenile work protection guideline' (94/33/EC).
	Other regu	lations, restriction	s and prohibition regulations	
15.2.		Safety Assessment afety assessments f	or substances in this preparation	were not carried out.
16.	Other info	ormation		
	Full text of	classification in s	ection 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.

SECTION 1: Identification of the substance/mixture and of the company/undertaking 1.1. product identifies Ardicle No. (manufacturer/supplier): BOB ROSS OLS 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 Rolevant identified uses of the substance or mixture and uses advised against Rolevant identified uses of the substance or mixture and uses advised against Rolevant identified uses of the substance or mixture and uses advised against Rolevant identified uses of the substance or mixture and uses advised against Rolevant identified uses of the substance or mixture and uses advised against Rolevant identified uses of the substance or mixture and uses advised against Rolevant identified uses of the substance or mixture and uses advised against Balar Rowney Ltd Peacock Lane Telephone: +44 (0) 1344 461083 Brackneil, R012 SBS Telephone: +44 (0) 1344 460511 ENCLNND Dept. responsible for information: E-mail Philip.Gray@dater-rowney.com 1.4 Emergency telephone number Emergency telephone: 03030686700 03030686700 SECTION 2: Hazards identification 1272/2008 [CLP] The mixture is classified	Article Print c Versic	late 13.04.2021 Revision date 13	3.04.2021 EN	
Article No. (manufacturer/supplier): BOB ROSS OILS Identified uses of the substance or mixture and uses 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 Coatings. The product is classified and tabelled according to Regulation (EC) No 1272/2008 [CLP]. The mixture is classified and tabelled according to Regulation (EC) No 1272/2008 [CLP] Hazard pictograms Hazard statements		SECTION 1: Identification of the substanc	e/mixture and of the company/undertaking	
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CAS No. Chemical name Wt %			o 1272/2008 [CLP]	
INDEA NO. Classification. Reliain			Wt % Remark	

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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

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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.

	SECTION 9: Physical and ch	amical properties			
1					
1.	Information on basic physical a Appearance:	Liquid			
	Physical state	Liquid			
	Colour	refer to label			
	Odour	characteristic	11		Demonstr
	Safety relevant basis data Flash point:	not applicable	°C	Method DIN 53213	Remark
	Ignition temperature in °C:	not applicable		Director	
	Lower explosion limit	not applicable			
	Upper explosion limit Vapour pressure at 20 °C::	not applicable	Vol-%		
	Density at 20 °C::	0,49 1.00	g/cm³		
	Water solubility (g/L)	insoluble	3		
	pH at 20 °C::	-			
	Viscosity at 20 °C: Solvent separation test (%)	> 90 < 3	mPa*s %		
	boiling point in °C at 101,3 kPa				
2.	•••				
	SECTION 10: Stability and re	activity			
1	Reactivity				
	-				
·. ∠ .	Chemical stability Stable when applying the recomm section 7.	nended regulations for storag	e and handling	g. Further information on	correct storage: refer to
.3.	Possibility of hazardous reaction	ons			
	Keep away from strong acids, si cleaning rags, paper wipes and p some hours later. Vapours form e	protective clothing, which are			
).4.	Conditions to avoid Hazardous decomposition byproc	Jucts may form with exposure	to high tempe	ratures.	
).5.	Incompatible materials				
0.6.	Hazardous decomposition proc Hazardous decomposition byproc smoke, nitrogen oxides.		e to high temp	eratures, e.g.: carbon dic	oxide, carbon monoxide,
	SECTION 11: Toxicological i	nformation			
	Classification according to Regula No data on preparation itself avai		2]		
.1.	Information on toxicological eff	fects			
	Acute toxicity				
	Toxicological data are not availab	le.			
	skin corrosion/irritation; Seriou	is eye damage/eye irritation			
	Toxicological data are not availab	le.			
	Respiratory or skin sensitisatio				
	Toxicological data are not availab	le.			
	Specific target organ toxicity				
	Toxicological data are not availab	le.			
	Achiration bazard				
	Aspiration hazard				
	Toxicological data are not availab				
	Toxicological data are not availab Practical experience/human ev				
	Toxicological data are not availab	idence bove the MWC-value can lead			
	Toxicological data are not availab Practical experience/human evi Other observations: Inhaling of solvent components a	idence bove the MWC-value can lead			

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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 trans	sport 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
Marine pollutant	not applicable
14.6. Special precautions for user	

Print o Versio		BOB ROSS OILS 13.04.2021 1.1	all colours apart from whites Revision date 13.04.2021 Issue date 13.04.2021	EN Page 6 / 6	
	case of an	always in closed, upr accident or leakage. safe handling: see p	-	that persons transporting the product know what	at to do in
	Further in	formation			
		sport (ADR/RID) riction code	-		
	Sea transp	port (IMDG)			
	EmS-No.		not applicable		
14.7.	Transport not applica	•	o Annex II of Marpol and the IBC (Code	
	SECTION	15: Regulatory ir	nformation		
	Safety, health and environmental regulations/legislation specific for the substance or mixture				
15.1.	Safety, he	· · ·	ntal regulations/legislation specif	c for the substance or mixture	
15.1.	Safety, he EU legisla	alth and environme	ntal regulations/legislation specif	c for the substance or mixture	
15.1.	EU legisla Informatio VOC-value	alth and environme tion	9/13/EC about limitation of emissi	c for the substance or mixture ons of volatile organic compounds (VOC-gui	deline).
15.1.	EU legisla Informatio VOC-value VOC-value	alth and environme tion on according to 199 e (in g/L) ISO 11890-3	9/13/EC about limitation of emissi		deline).
15.1.	EU legisla Informatio VOC-value VOC-value National re Restriction Observe en	alth and environme tion according to 199 (in g/L) ISO 11890-2 (in g/L) ASTM D 230 egulations ns of occupation mployment restriction	9/13/EC about limitation of emissi 2: 0 69: 0		·
15.1.	EU legisla Informatio VOC-value VOC-value National m Restriction Observe en Observe re	alth and environme tion according to 199 (in g/L) ISO 11890- (in g/L) ASTM D 230 egulations ns of occupation mployment restriction estrictions to employr	9/13/EC about limitation of emissi 2: 0 69: 0	ons of volatile organic compounds (VOC-gui	·
	EU legisla Informatio VOC-value VOC-value National m Restriction Observe en Observe re Other regu Chemical	alth and environme tion according to 199 (in g/L) ISO 11890- egulations ns of occupation mployment restriction estrictions to employr ulations, restriction Safety Assessment	9/13/EC about limitation of emissi 2: 0 69: 0 ns under the Maternity Protection Diment for juvenils according to the 'juvenils ac	ons of volatile organic compounds (VOC-gui ective (92/85/EEC) for expectant or nursing mo enile work protection guideline' (94/33/EC).	

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.