

Safety Data Sheet

According to Regulation 29 CFR 1910.1200

Date of Issue: 09/29/2022

Version: 1.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Product Form : Mixture
Product Name : Pigment Sticks and Jars

1.2. Relevant identified uses of the substance or mixture and uses advised against**1.2.1. Relevant identified uses**

Use of the substance/mixture : Art material - consumer product

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet**Company**

R&F Handmade Paints, Inc.
84 Ten Broeck Avenue
Kingston, NY 12401
800-206-8088
rfpaints.com
darin@rfpaints.com

1.4. Emergency telephone number

Emergency number : 845-331-3112

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Classification According to 29 CFR 1910.1200**

No labelling applicable to products with pigments other than tricobalt bis(orthophosphate).
Products containing tricobalt bis(orthophosphate) may be hazardous if swallowed (H302).

Physical Hazards: Based on available data, the classification criteria are not met.

Health Hazards: Acute oral toxicity, category 4 (H302)

Environmental Hazards: Based on available data, the classification criteria are not met.

2.2. Label elements**Labelling According to 29 CFR 1910.1200**

No labelling applicable to products with pigments other than tricobalt bis(orthophosphate).

Products containing tricobalt bis(orthophosphate) may be hazardous if swallowed (H302) and require the following pictogram:



Signal Word: Warning

Hazard Statements:

H302 – (May be) harmful if swallowed

Precautionary Statements:

P301 + P330 + P331 – IF SWALLOWED: rinse mouth. DO NOT induce vomiting.

SECTION 3: Composition/information on ingredients**3.1. Substances**

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification
Linseed oil	(CAS-No.) 8001-26-1	30 – 76.3	Not classified
Linseed oil, polymerized	(CAS-No.) 67746-08-1	2.7 – 13	Not classified
Natural waxes (trade secret)	(CAS-No.) NA	5 – 13	Not classified

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Name	Product identifier	%	Classification
Beeswax	(CAS-No.) 8012-89-3	1 – 6	Not classified
Cadmium sulfoselenide orange Cadmium Orange, Jaune Brillant	(CAS-No.) 12656-57-4	30-50	Not classified
Cadmium sulfoselenide red Cadmium Red Light, Medium, Dp; Warm Pink, Warm Rose	(CAS-No.) 58339-34-7	30-50	Not classified
Cadmium zinc sulfide yellow Cadmium Lemon, Light, Medium, Dp; Naples Yellow, Jaune Brillant, Warm Pink, Olive Yellow, Celadon Green, Cadmium Green, Cadmium Green Pale, Permanent Green, Veronese Green, Courbet Green	(CAS-No.) 8048-07-5	30-50	Not classified
Spinel, cobalt tin grey Cerulean Blue, Cerulean Extra Pale, Cerulean Grey, Manganese Blue Hue	(CAS-No.) 68187-05-3	30-50	Not classified
Cobalt aluminate blue spinel Cobalt Blue, Kings Blue, Cobalt Turquoise, Blue Ochre, Cobalt Teal, Neutral Grey Pale, Lt, Med, Dp	(CAS-No.) 1345-16-0	20-40	Not classified
Tricobalt bis(orthophosphate) Cobalt Violet Deep	(CAS-No.) 13455-36-2	30-50	Acute Tox 4; H302
Disazo (diarylide) Indian Yellow, Alizarin Orange, Sap Green, Turkey Red	(CAS-No.) 5567-15-7	3-7	Not classified
Chromium (III) oxide, hydrated Viridian, Cadmium Green, Cadmium Green Pale, Green Earth, Cobalt Turquoise	(CAS-No.) 12001-99-9	15-40	Not classified
Chromium (III) oxide Chromium Oxide Green, Celadon Green	(CAS-No.) 1308-38-9	30-60	Not classified

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
- First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain medical attention.
- First-aid measures after skin contact : Cool skin rapidly with cold water after contact with molten material. For skin contact, wash with soap and water while removing contaminated clothing. When symptoms persist or in all cases of doubt seek medical advice. Wash contaminated clothing before reuse.
- First-aid measures after eye contact : Rinse cautiously with water for at least 5 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation develops or persists.

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

- Symptoms/effects : Not expected to present a significant hazard under anticipated conditions of normal use.
- Symptoms/effects after inhalation : Prolonged exposure may cause irritation.
- Symptoms/effects after skin contact : Prolonged exposure may cause skin irritation.
- Symptoms/effects after eye contact : May cause slight irritation to eyes.
- Symptoms/effects after ingestion : Ingestion may cause adverse effects.
- Chronic symptoms : None expected under normal conditions of use.

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

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Water spray, fog, carbon dioxide (CO₂), alcohol-resistant foam, or dry chemical.
 Unsuitable extinguishing media : Do not use a heavy water stream. Use of heavy stream of water may spread fire.

5.2. Special hazards arising from the substance or mixture

- Fire hazard : Not flammable under normal conditions of use. The product is insoluble and floats on water. Risk for spontaneous combustion if substantial quantities of product are left on porous organic materials (cotton waste or rag). Used rags or other cleaning materials may begin to burn by themselves if improperly discarded. Contaminated equipment (brushes, rags) must be cleaned immediately with water. Burning produces obnoxious and toxic fumes. In the event of fire the following can be released: Carbon oxides; Nitrogen oxides (NO_x); Metal oxides.
- Explosion hazard : Product is not explosive.
- Reactivity : Hazardous reactions will not occur under normal conditions.
- Hazardous decomposition products in case of fire : Carbon oxides (CO, CO₂). Smoke.

5.3. Advice for firefighters

- Precautionary measures fire : Exercise caution when fighting any chemical fire.
 Firefighting instructions : Use water spray or fog for cooling exposed containers.
 Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Avoid prolonged contact with eyes, skin and clothing. Avoid breathing dust.

6.1.1. For non-emergency personnel

- Protective equipment : Use appropriate personal protective equipment (PPE).
 Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

- Protective equipment : Equip cleanup crew with proper protection.
 Emergency procedures : Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area.

6.2. Environmental precautions

- Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

- For containment : Contain solid spills with appropriate barriers and prevent migration and entry into sewers or streams.
- Methods for cleaning up : Clean up spills immediately and dispose of waste safely. If product is heated and molten, allow product to cool off before cleaning up. Scrape up product and place it into a container for disposal. Contact competent authorities after a spill.

6.4. Reference to other sections

- See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid prolonged contact with eyes, skin and clothing. Keep away from extreme heat and direct flame. Keep away from acids and other incompatibles. Risk for spontaneous combustion if substantial quantities of product are left on porous organic materials (cotton waste or rag). Used rags or other cleaning materials may begin to burn by themselves if improperly discarded. In order to prevent the risk of fire, good housekeeping standards must be maintained and the accumulation of residues on contaminated rags, etc. should be avoided.
- Hygiene measures : Handle in accordance with good industrial hygiene and safety procedures.

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7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Comply with applicable regulations.
- Storage conditions : Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.
- Incompatible materials : Strong acids, strong bases, strong oxidizers.

7.3. Specific end use(s): Art material - consumer product

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Compound	OSHA PEL (TWA)	Limit Value (STEL)	Notes
Cobalt aluminate blue spinel (as Co) Spinels, cobalt tin grey (as Co) Tricobalt bis(orthophosphate)	0.1 mg/m ³	--	CalOSHA – 0.02 mg/m ³
Cadmium sulfoselenide orange (as Cd) Cadmium sulfoselenide red (as Cd) Cadmium zinc sulfide yellow (as Cd)	0.2 mg/m ³	0.6 mg/m ³	CalOSHA – 0.005 mg/m ³
Chromium (III) oxide (as Cr)	0.5 mg/m ³	--	CalOSHA – 0.5 mg/m ³

8.2. Exposure controls

- Appropriate engineering controls : Use only in well-ventilated areas. Apply technical measures to comply with the occupational exposure limits. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. In case of insufficient ventilation wear suitable respiratory equipment.
- Personal protective equipment : Not generally required. The use of personal protective equipment may be necessary as conditions warrant. Gloves. Protective clothing. Protective goggles.



- Materials for protective clothing : Chemically resistant materials and fabrics.
- Hand protection : Wear protective gloves.
- Eye and Face Protection : Chemical safety goggles.
- Skin and body protection : Wear suitable protective clothing.
- Respiratory protection : If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.
- Other information : When using, do not eat, drink or smoke.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

- Physical state : Solid
- Appearance : Wax-like solid, various colors
- Colour : No data available
- Odour : No data available
- Odour threshold : No data available
- pH : No data available
- Evaporation rate : No data available
- Melting point : No data available
- Freezing point : No data available
- Boiling point : No data available
- Flash point : > 204 °C (399.2 °F)
- Auto-ignition temperature : No data available
- Decomposition temperature : No data available
- Flammability (solid, gas) : No data available

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Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Solubility	: No data available
Partition coefficient: n-octanol/water	: No data available
Viscosity	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Hazardous reactions will not occur under normal conditions.

10.2. Chemical stability

Stable under recommended handling and storage conditions (see section 7).

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

Direct sunlight, extremely high or low temperatures, and incompatible materials.

10.5. Incompatible materials

Strong acids, strong bases, strong oxidizers.

10.6. Hazardous decomposition products

Thermal decomposition may produce: Carbon oxides (CO, CO₂).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	: Products containing tricobalt bis(orthophosphate) may be hazardous if swallowed.
Skin corrosion/irritation	: Not classified (Based on available data, the classification criteria are not met)
Serious eye damage/irritation	: Not classified (Based on available data, the classification criteria are not met)
Respiratory or skin sensitisation	: Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure	: Not classified (Based on available data, the classification criteria are not met)
STOT-repeated exposure	: Not classified (Based on available data, the classification criteria are not met)
Aspiration hazard	: Not classified (Based on available data, the classification criteria are not met)
Symptoms/Injuries After Inhalation	: Prolonged exposure may cause irritation.
Symptoms/Injuries After Skin Contact	: Prolonged exposure may cause skin irritation.
Symptoms/Injuries After Eye Contact	: May cause slight irritation to eyes.
Symptoms/Injuries After Ingestion	: Ingestion may cause adverse effects.
Chronic Symptoms	: None expected under normal conditions of use.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Not classified.

Linseed oil, polymerized (67746-08-1)

LC50 - Fish [1]	> 1 mg/l (Exposure time: 96 h - Species: Danio rerio [static])
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12.2. Persistence and degradability

Pigment Sticks

Persistence and degradability	Not established.
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12.3. Bioaccumulative potential

Pigment Sticks

Bioaccumulative potential	Not established.
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12.4. Mobility in soil

No additional information available

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal : Dispose of contents/container in accordance with local, regional, national, and international regulations.
 Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued. In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
Not regulated for transport				
14.2. UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards				
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No	Dangerous for the environment : No	Dangerous for the environment : No

14.6. Special precautions for user

No additional information available

SECTION 15: Regulatory information

Regulatory Overview The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

Toxic Substance Control Act (TSCA) All components of this material are either listed or exempt from listing on the TSCA Inventory.

EPCRA 302 Extremely Hazardous:

To the best of our knowledge, there are no chemicals at levels that require reporting under this statute.

EPCRA 313 Toxic Chemicals:

To the best of our knowledge, there are no chemicals at levels that require reporting under this statute.

California Proposition 65

Cadmium – MADL, 4.1 µg/day. NSRL, 0.05 µg/day (inhalation)

SECTION 16: Other information

Date of Preparation or Latest : 09/29/2022

Revision

Data sources : Information and data obtained and used in the authoring of this safety data sheet could come from database subscriptions, official government regulatory body websites, product/ingredient manufacturer or supplier-specific information, and/or resources that include substance-specific data and classifications according to GHS or their subsequent adoption of GHS.

Other information : According to 29 CFR 1910.1200

Indication of Changes No additional information available

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety, and environmental requirements only. It should not, therefore, be construed as guaranteeing any specific property of the product.