

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

1.1. Product identifier

Product name: METAL PRIMER & UNDERCOAT

Product code: SDSUSMTP

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

Use of substance / mixture: Industrial application of coatings. Professional application of coatings. Consumer application of coatings.

1.3. Details of the supplier of the safety data sheet

Company name: Farrow & Ball

Unit 10

310 Judson St.

Toronto

Ontario

M8Z 5T6

Canada

Tel: (1)-888-511-1121

Email: customer.services@farrow-ball.com

1.4. Emergency telephone number

Emergency tel: (1)-888-511-1121 (Mon-Fri 08:30-17:30)
(office hours only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under GHS: Aquatic Chronic 2: H411

Most important adverse effects: Toxic to aquatic life with long lasting effects.

2.2. Label elements

Label elements:

Hazard statements: H411: Toxic to aquatic life with long lasting effects.

Precautionary statements: P273: Avoid release to the environment.

P391: Collect spillage.

P501: Dispose of contents/container to comply with local regulations.

2.3. Other hazards

Other hazards: No data available.

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PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

TRIZINC BIS(ORTHOPHOSPHATE)

EINECS	CAS	PBT / WEL	CLP Classification	Percent
231-944-3	7779-90-0	-	Aquatic Chronic 1: H410; Aquatic Acute 1: H400	3-10%

Non-classified ingredients:

TITANIUM DIOXIDE - REACH registered number(s): 01-2119489379-17-0000

EINECS	CAS	CHIP Classification	CLP Classification	Percent
236-675-5	13463-67-7	-	-	10-30%

KAOLINITE: AL₂Si₂O₅(OH)₄

310-194-1	1332-58-7	-	-	0.1-1%
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Contains: The data quoted is for an untinted white base. Tinted colours may contain lower levels of Titanium Dioxide and Quartz.

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water. If skin irritation occurs, get medical advice/attention. Do not use solvent thinners or White Spirit.

Eye contact: Bathe the eye with running water for 15 minutes. If eye irritation persists, consult a specialist.

Ingestion: Do not induce vomiting. Wash out mouth with water.

Inhalation: Not applicable.

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

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: No symptoms.

Delayed / immediate effects: No data available.

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

Immediate / special treatment: Not applicable.

Section 5: Fire-fighting measures

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5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: As in any fire, wear Self-Contained Breathing Apparatus (SCBA), MSHA/NIOSH (approved or equivalent) and full protective gear.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid. Always transport this product in its original container in a secure and upright position. Ensure that persons transporting this product know what action to take in the event of spillage.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Clear spillage by absorbing into a dry, inert, absorbent material. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Do not use or store this product by hanging the container on a hook. Ensure good ventilation during application and drying. Do not get in eyes, on skin, or on clothing. See Section 8 for personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed. Avoid incompatible materials and conditions - see section 10 of SDS.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Specific end use(s): No data available.

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Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area. Ensure all engineering measures mentioned in section 7 of SDS are in place.

Respiratory protection: Respiratory protection not required.

Hand protection: Protective gloves. Nitrile gloves.

Eye protection: Safety glasses as described by 29 CFR 1910.133, OSHA eye and face protection regulation. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Environmental: Ensure all engineering measures mentioned in section 7 of SDS are in place. Prevent from entering in public sewers or the immediate environment.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Emulsion

Colour: Various

Odour: Barely perceptible odour

Evaporation rate: Slow

Oxidising: Non-oxidising

Solubility in water: Miscible

Viscosity: Viscous

Boiling point/range°C: 100

Melting point/range°C: No data available.

Flammability limits %: lower: No data available.

upper: No data available.

Flash point°C: >100

Part.coeff. n-octanol/water: No data available.

Autoflammability°C: No data available.

Vapour pressure: No data available.

Relative density: No data available.

pH: 8.0 - 8.5

VOC g/l: 4 - Low (by EPA Method 24)

9.2. Other information

Other information: Not applicable.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

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10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.
Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Toxicity values: No data available.

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: No symptoms.

Delayed / immediate effects: No data available.

Other information: Contains titanium dioxide: RTECS Number XR2275000. A proportion of Quartz may become available in the respirable fraction when in the dry state but when bound in a liquid matrix such as paint is non-respirable. Although the International Agency for Research on Cancer (IARC) has classified titanium dioxide as possibly carcinogenic to humans (2B), their summary concludes: "It is considered that there is no significant exposure to titanium dioxide while using products in which titanium dioxide is bonded to other materials, such as paint."

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: Not readily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

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12.4. Mobility in soil

Mobility: No data available.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Toxic to aquatic organisms.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Dispose of in accordance with federal, state, and local regulations. Dry, empty containers may be recycled in a can recycling program. Local requirements may vary, consult your sanitation department or state-designated environmental protection agency for more disposal options.

Recovery operations: Recycling/reclamation of other inorganic materials.

Waste code number: 08 01 11

Disposal of packaging: Dispose of in a regulated landfill site or other method for hazardous or toxic wastes. Metal containers may be recycled.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

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

Specific regulations: This product has been classified according to the hazard criteria of the CPR and the SDS contains all the information required by the CPR. No ingredients in this product are subject to SARA 313 (40 CFR 372.65C) Supplier Notification. SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION Global Chemical Inventory Status: All components of this product are listed on the following inventories - USA TSCA - Toxic Substances Control Act. California OEHHA Proposition 65 Notice: WARNING: This product contains chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

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Other information

Other information: In accordance with CPSC Regulations 16 CFR 1303 and 16 CFR 1500.121, this product contains <90 ppm of lead.

WARNING! If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE.

Wear a NIOSH approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop.

Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

Phrases used in s.2 and s.3: H410: Very toxic to aquatic life with long lasting effects.

H411: Toxic to aquatic life with long lasting effects.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Farrow & Ball shall not be held liable for any damage resulting from handling or from contact with the above product.