

PAINT INDUSTRIES PTY LTD

61 Lionel Street NAVAL BASE WA 6165 Telephone: (08) 9437 1488 Fax: (08) 9410 2395

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Material Safety Data Sheet

DATE OF ISSUE 31/01/2009

Hazardous according to criteria of Worksafe Australia**IDENTIFICATION**

N/A' = Not Allocated

Product Name: **EPOXY GREY ZINC PHOSPHATE**

Other Names: **N/A**

Manufacturer's Product Code: **1026**

UN Number: **1263**

Dangerous Goods Class & Subsidiary Risk: **3.2**

Hazchem Code: **3 -Y**

Poisons Schedule Number: **5**

Use: **A two pack abrasion & chemical resistant, anti-corrosive epoxy primer for steel**

Physical Description/Properties

Appearance: **Grey viscous liquid**

Boiling Point/Melting Point: **143 deg C**

Vapour Pressure: **0.7**

Specific Gravity: **1.472kg/lit**

Flashpoint: **23 deg C**

Flammability Limits: **Flammable**

Solubility in Water: **N/A**

Other Properties:

Percentage Volatiles **65**

Ingredients

Chemical Name:	CAS Number:	Proportion:
Epoxy Resin Solids	25068-38-6	Mod 30-60%
Xylene	1330-20-7	Low 10-30%
Titanium Dioxide	13463-67-7	Low 10-30%
Zinc Phosphate	7779-90-0	Mod 30-60%

HEALTH HAZARD INFORMATION**Health Effects:**

Acute:

Swallowed: **May cause irritation to mouth, throat & digestive tract. Large dose may cause drowsiness & may lead to unconsciousness.**

Eye: **Irritant.**

Skin: **Irritant. Avoid prolonged or repeated contact as may cause dermatitis.**

Inhaled: **Vapour is irritant to mucous membranes and respiratory tract. Vapour can affect the central nervous system and result in headache & dizziness. High concentrations of vapours, if exposure is prolonged may cause unconsciousness. Aspiration of liquid into the lungs can cause serious (even fatal) pneumonitis.**

Chronic:

N/A

First Aid

Swallowed: **If poisoning occurs, contact a doctor or Poisons Information Centre. If swallowed, do not induce vomiting. Give a glass of water. If any suspicion of aspiration into the lungs (eg. during vomiting) obtain medical advice immediately.**

Eye: **Irrigate with copious quantities of water. If soreness or redness persists, seek medical attention.**

Skin: **Wash off with soap and water. Remove contaminated clothing & launder before re-use.**

Inhaled: **Move to fresh air, keep warm & at rest. Seek medical attention.**

First Aid Facilities:**Advice to Doctor:**

Because of risk of aspiration, gastric lavage should only be undertaken after endotracheal intubation.

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PRECAUTIONS FOR USE

- Exposure Standards:** Advisable to work to 150 ppm 8 hour time weighted average
- Engineering Controls:** Avoid breathing vapour. Use in a well ventilated area. Local exhaust ventilation usually required.
- Personal Protection:** Avoid eye and skin contact.
 Wear chemical goggles or faceshield. Wear chemical resistant gloves. Wear protective clothing as necessary to avoid skin contact. Wear supplied air breathing apparatus or wear suitable organic vapour cartridge respirator. Avoid prolonged or repeated skin contact. avoid contact with skin and observe good personal hygiene.
- Flammability:** Avoid heat & sources or ignition. Prevent build-up of flammable vapours.

SAFE HANDLING INFORMATION

- Storage and Transport:** Avoid contact with strong oxidizing agents. Store in cool well ventilated area away from heat and ignition sources. Do not store in low or enclosed areas where vapours may become trapped. Containers should always be kept closed in storage & properly labelled. Store only in original or approved containers.
- Spills and Disposal:** Contact Emergency Services where appropriate. Wear protective clothing PVC gloves, coveralls, boots, safety glasses & an organic vapour respirator. Soak up all small amounts with absorbent materials (eg. sand) and flush area with water. Pump off larger amounts, & remove effluent in accordance with regulation. Do not allow to spill into drains. Absorb with sand or similar and dispose of to an approved landfill site. Contact Waste Disposal Authorities in your state for further details and required approvals.
- Fire/Explosion Hazard:** Flammable. Do not smoke or use near ignition sources. Sealed containers may explode on heating due to gaseous pressure build up within. Toxic gases are evolved when heated to decomposition. In a fire situation, evacuate area and contact emergency services. Breathing apparatus, goggles, PVC gloves and full body cover must be worn in extinguishing fires. Water, fog, foam, dry chemical or carbon dioxide should be used to extinguish fires.

OTHER INFORMATION:

N/A

CONTACT POINT:

PAINT INDUSTRIES PTY LTD (08) 9437 1488

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