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MATERIAL SAFETY DATA SHEET
Health, Safety & Environment Data

DATE OF ISSUE: May 2010
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IDENTIFICATION

| | | | |
|---------------|---|------------------------|---------|
| PRODUCT NAME: | TWO PACK ETCH PRIMER YELLOW – PACK A | UN Number: | 1263 |
| | | Hazchem Code: | 3 (Y) E |
| | | Dangerous Goods Class: | 3 |
| | | Subsidiary Risk Class: | N/A |
| | | Poisons Schedule: | 5 |
| | | Packaging Group: | II |
| OTHER NAMES: | Paint | | |
| PRODUCT CODE: | 406-2004 | | |

USE: Adhesion promoting primer for non-ferrous metal surfaces. Apply by spray.

PHYSICAL DESCRIPTION/PROPERTIES

| | |
|---------------------------|--|
| Appearance: | Yellow/Green liquid with chemical solvent odour. |
| Density: | 0.92 |
| Boiling Point/Range (oC): | 80 – 175 |
| Vapour Pressure: | Approx. 5 kPa |
| Flash Point (oC): | Approx. 1 Abel |
| Flammability Limits (%): | LEL 1.30 UEL 12.0 |
| Solubility in water: | Approx: 750 gm/L |

HAZARDOUS INGREDIENTS: CAS NO: PERCENT BY WEIGHT:

| | | | |
|-----------|-----------------------|------------|------|
| Pigments: | Zinc Tetroxy Chromate | 13530-65-9 | < 10 |
|-----------|-----------------------|------------|------|

Resin:

| | | | |
|-----------|---------------------|----------|---------|
| Solvents: | Butanol | 78-83-1 | < 10 |
| | Methyl Ethyl Ketone | 78-93-3 | 10 - 30 |
| | Toluol | 108-88-3 | 10 - 30 |

Others: Other ingredients not considered hazardous to 100%

HEALTH HAZARD INFORMATION

HEALTH EFFECTS:

ACUTE

- Swallowed: May cause irritation to mouth, throat and digestive tract. Significant ingestion may give rise to gastro intestinal disturbances and system effects.
- Eye: Irritant. Can cause corneal inflammation.
- Skin: Irritant. Prolonged or repeated contact may cause dermatitis.
- Inhaled: Vapour is irritant to mucous membranes and respiratory tract. Can cause headaches, dizziness and nausea. High concentrations of vapours, if exposure is prolonged, can cause unconsciousness.

FIRST AID:

- Swallowed: If poisoning occurs, contact a Doctor or Poisons Information Centre. If swallowed, do not induce vomiting. Wash mouth out with water and give a glass of water to drink. If any suspicion of aspiration into the lungs (e.g. during vomiting) obtain medical advice immediately.
- Eye: Irrigate with copious amounts of clean water. Seek medical attention immediately.
- Skin: Wash thoroughly with soap and water. Remove contaminated clothing and launder before re-use.
- Inhalation: Move to fresh air. Keep warm and at rest. Seek medical attention.
- Advice to Doctor: Because of risk of aspiration, gastric lavage should be undertaken after endotracheal intubation.

PRECAUTIONS FOR USE

- EXPOSURE LIMITS: Not established for product. Constituents TWA 8 hour, five-day week.
Toluene: 377 mg/m³, 100ppm, Butanol: 152 mg/m³, 50 ppm. Methyl Ethyl Ketone: 445 mg/m³ 155ppm, Phosphoric Acid 1 mg/m³.
Zinc Tetraoxy Chromate (as pigment – as Cr): 0.01 mg/m³
Pigment is a Category 1 carcinogen, established human carcinogen.

- ENGINEERING CONTROLS: Avoid breathing vapour. Use in a well-ventilated area. Local exhaust ventilation required. For spray application use a spray booth fitted with an effective filtered exhaust system complying with local regulations.

PERSONAL PROTECTION: Avoid skin and eye contact. Wear chemical goggles and chemical resistant gloves. Wear supplied air breathing apparatus when spraying in confined and poorly ventilated areas. When spraying use an approved respirator suitable for organic vapours to AS 1716. When sanding down recommended to use a P1 or P2 dust mask to avoid dust inhalation.

FLAMMABILITY: This material contains flammable solvents and must be kept away from all sources of ignition (open flames, sparks, pilot lights, furnaces, spark producing switches, etc). Use only in a well ventilated area and prevent build up of flammable vapours. Do NOT smoke. Keep containers closed when not in use.

Special Protection Information: This product is one part of a two part product and the two components must be mixed together before use. This product is designed for spray application and should be used in a spray booth fitted with an effective filtered exhaust system complying with local regulations.

SAFE HANDLING INFORMATION

STORAGE & TRANSPORT: Store in a cool and well-ventilated area away from heat and ignition sources. Avoid contact with strong oxidizing agents. Store only in original or approved containers. Containers should always be kept closed in storage and properly labelled. This material is classified as Dangerous Goods Class 3 and must be stored and transported in accordance with State and Territory Dangerous Goods regulations.

SHIPPING NAME PAINT UN 1263 PG II

SPILLS & DISPOSAL: Extinguish all ignition sources and ventilate area. Collect with absorbent material such as sand, earth or sawdust. Ensure waste disposal conforms with local waste disposal regulations. After recovery and evaporation remaining soil may be disposed of to approved landfill, or if approved allowed to degrade in situ.

FIRE/EXPLOSION HAZARD: Highly flammable liquid. Use foam, CO₂, powder or BCF fire extinguishers. Combustion products include oxides of carbon. Remove source of re-ignition. Vapour/air mixture may ignite explosively. Flashback along vapour trail may occur. Hazchem code 3(Y) E

OTHER INFORMATION

TOXICOLOGY: IARC has concluded that there is sufficient evidence for the carcinogenicity of chromium (VI) as encountered in the production of chromates and have classified chromium (VI) as carcinogenic to humans Category 1.

Butanol: LD50 oral, rat – 440 mg/kg

Toluene: LD50 oral, rat – 636 mg/kg

Methyl Ethyl Ketone: LD50 oral, rat – 2737 mg/kg

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(03) 9357 9396 Emergency Telephone Number Not Available

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