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## MATERIAL SAFETY DATA SHEET

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### IDENTIFICATION

**PRODUCT(S):** 1K ETCH PRIMER (SPRAYPACK)

**Supplier:** Concept Paints  
**Address:** Lot 40 Charles Street St Marys 2760  
**Telephone Number:** +61 2 96732555  
**Emergency Telephone:** +61 2 96732555 (Monday to Friday 8am to 5pm)  
**Recommended Use:** Industrial Coating

### HAZARDS IDENTIFICATION

**Classification:**

- HAZARDOUS SUBSTANCE.
- DANGEROUS GOODS.
- IRRITANT.

According to the criteria of ASCC/NOHSC and the ADG Code.

**Risk Phrases:** R36 Irritating to eyes. R37/38 Irritating to respiratory system and skin. R41 Risk of serious eye damage. R43 May cause sensitisation by skin contact. R12 Extremely Flammable.

**Safety Phrases:** S9 Keep container in a well-ventilated place. S13 Keep away from food, drink and animal feeding stuffs. S16 Keep away from sources of ignition – No smoking. S23 Do not breathe gas/fumes/vapour/spray. S24/25 Avoid contact with skin and eyes. S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S28 After contact with skin, wash with plenty of soap and water. S29 Do not empty into drains. S33 Take precautionary measures against static discharge. S37/39 Wear suitable gloves and eye/face protection. S41 In case of fire and/or explosion do not breathe fumes. S45 In the case of accident or if you feel unwell, seek medical advice immediately. S46 If swallowed, seek medical advice immediately and show this container or label. S51 Use only in well ventilated areas. S61 Avoid release to the environment.

## INGREDIENTS

Chemical Entity / Hazardous Component	CAS Numbers	Proportion by wt.
Dimethyl Ether	115-10-6	30 - 60%
Iso-Butanol	78-83-1	10 - <30%
Acetone	67-64-1	10 - <30%
Methoxy Propyl Acetate	108-65-6	<10%
Trizinc Bis Orthophosphate	7779-90-0	<10%
Titanium Dioxide	13463-67-7	<10%
Bisphenol A Epoxy Resin	25068-38-6	<10%

This product(s) also contains other ingredients, that are not classified as hazardous by ASCC/NOHSC criteria.

## FIRST AID MEASURES

### Route of Exposure First Aid Measures

**Ingestion:** Give a glass of water. Do NOT induce vomiting. Place patients head downwards if vomiting occurs, to prevent it entering lungs .As aspiration of material into lungs can be fatal, causing chemical pneumonitis. Seek medial aid.

**Eye:** Immediately irrigate with large quantities of water for at least 15 minutes. Seek medical advice.

**Skin:** Wash exposed area thoroughly with soap and water. Remove contaminated clothing.

**Inhaled:** Give fresh air, careful not to become a casualty yourself. Remove and loosen clothing. If breathing normally make patient comfortable and keep warm till recovered. If breathing is difficult ensure airways are clear and have a qualified person give oxygen from a face mask. If breathing has stopped commence (EAR), if cardiac arrest commence (CPR) and seek medical aid urgently.

**Advice To Doctor:** Treat Symptomatically.

## FIRE FIGHTING MEASURES

**Suitable Extinguishing Media:** Foam, Carbon Dioxide or Dry Chemical Powder.

**Hazards from Combustion Products:** When burning toxic materials such as carbon monoxide, carbon dioxide and various hydrocarbons may form.

**Precautions for Firefighters:** Flammable aerosol product. Pressurised container. Heating can cause rupture of containers with explosive force. If safe to do so, remove containers from the path of the fire and keep cool with water spray.

Firefighters should wear self contained breathing apparatus with a full face and operated in the positive pressure mode.

**Hazchem Code:** 2Y

## ACCIDENTAL RELEASE MEASURES

**Emergency Procedures:** In the case of a spill extinguish all ignition sources and evacuate all unnecessary personnel. Ventilate the area and wear the correct Personal Protective Equipment.

**Containment:** If an aerosol can develops a leak, allow it to fully discharge, before disposal. Contain and absorb any spill with absorbent material such as sand, soil or vermiculite. Prevent its entry into drains. Transfer the material and any damaged aerosols into drums, using non-sparking tools. Seal and label the drums. Contact the appropriate waste management authority for disposal.

## HANDLING AND STORAGE

**Handling:** Wear the correct Personal Protective Equipment when using this product. Only use in a well ventilated area and apply the product in a paint spray booth with an adequate exhaust system. Do not breathe gas/fumes/vapour/spray and do not deliberately inhale.

Never eat, drink or smoke whilst handling this product. Always wash hands before smoking, eating, drinking or using the toilet.

**Safe Storage:** Pressurised product. Store containers in a cool place (<50°C) and out of direct sunlight. Store in a well ventilated area and away sources of ignition, oxidising agents and/or foodstuffs. Store containers away from bulk flammable materials and check regularly for damage and leaks. Store in accordance with AS3833-98 and local legislation.

## EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Exposure Limits:</b>	<b>TLV –TWA (mg/m<sup>3</sup>)</b>
Dimethyl Ether	760
Iso-Butanol	152
Acetone	1185
Methoxy Propyl Acetate	274
Trizinc Bis Orthophosphate	10
Titanium Dioxide	N/A
Bisphenol A Epoxy Resin	N/A

**Engineering Controls:** Ensure sufficient ventilation to maintain concentration below exposure standard. Only use in a well ventilated area and apply the product in a paint spray booth with an adequate flameproof exhaust system.

**Personal Protection:** Skin contact should be avoided by wearing impervious work clothing, boots and Neoprene or PVC gloves. Eyes should be protected by chemical goggles or safety glasses fitted with side shields (Refer AS/NZS 1337). If an inhalation risks exists, an organic vapour respirator or a self contained breathing apparatus with a full face and operated in the positive pressure mode, should be used. Ensure cartridges are correct for the potential air contamination (Refer AS/NZS 1715 and 1716).

## PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Thin grey liquid.
Odour:	Strong solvent odour.
pH:	Not applicable.
Vapour Pressure:	510 kPa @ 20°C (Dimethyl Ether)
Vapour Density:	Not Available
Boiling Point Range:	-24.8 – 145 °C
Melting Point:	Not Applicable
Solubility In Water:	Not Available
Specific Gravity:	0.80 – 0.95
Flammability Limits:	1 (LEL) to 18.6% (UEL) by volume
Flash Point:	-41 °C (Dimethyl Ether)

## STABILITY AND REACTIVITY

**Chemical Stability:** Stable under ordinary conditions of use and storage.

**Conditions to Avoid:** Avoid all ignition sources.

**Incompatible Materials:** None

**Hazardous Decomposition Products:** When burning toxic materials such as carbon monoxide, carbon dioxide and various hydrocarbons may form.

**Hazardous Reactions:** Not Applicable.

## TOXICOLOGICAL INFORMATION

### Acute Health Effects:

**Ingestion:** Can result in headaches, nausea, vomiting and diarrhoea.

**Eye:** Will cause discomfort and may cause redness, itching or blurred vision.

**Skin:** May cause irritation to skin.

**Inhaled:** Vapour concentrations above exposure limits may be irritating to the eyes and respiratory tract, may cause headaches and dizziness. Prolonged exposure may result in unconsciousness.

### Chronic Health Effects:

**Ingestion:** May cause irritation to the mucous membranes of the digestive system. May result in damage to the liver and kidney, blood disorders and may affect the central nervous system.

**Eye:** May cause redness, tearing or blurred vision.

**Skin:** May cause dermatitis and eczema.

**Inhaled:** Vapour concentrations above exposure limits may cause irritation to the mucous membranes of the respiratory system. May result in damage to the liver and kidney, blood disorders and may affect the central nervous system.

## ECOLOGICAL INFORMATION

Prevent the entry of this product and any chemically contaminated water into drains. Dispose of any contaminated water and soil in accordance with the relevant waste management authority.

## DISPOSAL CONSIDERATIONS

Contact the relevant waste management authority for the correct disposal procedures. Do not puncture, heat or incinerate can; contents are under pressure. Empty containers may be disposed of in recycling collections.

## TRANSPORT INFORMATION

UN Number:	1950	DG Class:	2.1
Shipping Name:	AEROSOLS	Subsidiary Risk:	
Packaging Group		Hazchem	2Y
EPG Number	2D1	IERG Number	49

## REGULATORY INFORMATION

Poisons Schedule: Not Scheduled

## OTHER INFORMATION

Date of Issue: 16/07/09  
Replaces Issue Dated:

The above information has been presented in good faith and is accurate to the best of our knowledge, at the time of preparation. All of the information supplied herein is related only to the health and safety issues of the product. Users should assume all responsibility for its use, as the conditions under which this product is used are beyond our control. For technical information on the use of this product users should consult the appropriate Technical Data Sheet.

**END OF MSDS**