

Material Safety Data Sheet

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Issue date: December 2002

Hazardous according to criteria of Worksafe Australia

GALMET Keytite Steel Primer

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

ITW Polymers & Fluids Pty Ltd
100 Hassall St, Wetherill Park NSW 2164 Australia
Ph: +61 2 9757 8800 Fax: +61 2 9757 3855
Emergency Ph: +61 2 9757 8800 (Office Hours)

Product Name: GALMET Keytite Steel Primer
Synonyms: n/a
Manufacturer's Product Code(s): KSP
Use: Anti-corrosive primer for steel
UN Number: 1263
Proper Shipping Name: PAINT
Dangerous Goods Class: 3
Subsidiary risk: n/a
Packing Group: III
Hazchem Code: 3[Y]
Poison Schedule: S5

2. COMPOSITION / INFORMATION ON INGREDIENTS

| SUBSTANCE NAME | Proportion | CAS Number |
|---------------------------------|--------------|------------|
| ALIPHATIC PETROLEUM DISTILLATES | 10 to 30% | 64742-88-7 |
| SOLVENT 100 | 10 to 30% | 64742-95-6 |
| 2-BUTOXY ETHANOL (Below Cutoff) | Less than 1% | 111-76-2 |

3. HAZARD IDENTIFICATION

HAZARDOUS ACCORDING TO THE CRITERIA OF WORKSAFE AUSTRALIA

HAZARD CATEGORY: Harmful

ACUTE HEALTH EFFECTS

Swallowed:

Harmful if swallowed.

Vomiting, may cause this product to be aspirated into the lungs, which may lead to chemical pneumonitis.

Additional information for Swallowed

Eye:

May cause irritation to the eyes, with effects including: tearing, pain, stinging and blurred vision.

Skin:

May cause irritation to the skin, with effects including; Redness and itchiness.

Inhaled:

May cause irritation to the nose, throat and respiratory system with effects including: Dizziness, headache and loss of co-ordination.

Chronic:

Prolonged or repeated skin contact may lead to dermatitis.

Prolonged or repeated exposure or deliberately concentrating and inhaling the vapour(s) may result in lung function incapacity or death.

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4. FIRST AID MEASURES

Swallowed:

If swallowed, DO NOT induce vomiting. Give 3 to 4 glasses of water to drink. Seek urgent medical assistance.

Eye:

If material is splashed into eyes, flush with plenty of water for at least 15 minutes, ensuring eye lids are held open. Immediately transport to hospital or doctor.

Skin:

If material is splashed onto the skin, remove any contaminated clothing and wash skin thoroughly with soap and water. If irritation persists immediately transport to hospital or doctor.

Inhaled:

Remove victim to fresh air. Apply resuscitation if victim is not breathing - Administer oxygen if breathing is difficult.

First Aid Facilities:

Eye wash fountain, safety shower and normal wash room facilities.

Advice to Doctor:

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Fire/Explosion Hazard

EXTINGUISHING MEDIA: Use dry chemical, carbon dioxide or foam.

SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus (SCBA) required for fire-fighting personnel. If possible to do so safely, shut off fuel to fire. Use water spray to spray to cool fire-exposed surfaces and to protect personnel. Avoid spreading burning liquid with water used for cooling fire exposed containers when using water spray, boil-over may occur when the product temperature reaches the boiling point of water.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapours from this product may travel or be moved by air currents and be ignited by pilot lights, other flames, smoking, sparks, heaters, electrical equipment, static discharge or other ignition sources at locations distant from the point of handling.

Flammability

Flammable liquid. Avoid all sources of ignition, heat and naked flames.

6. ACCIDENTAL RELEASE MEASURES

EMERGENCY ACTION:

Keep unnecessary people away; Isolate hazard area and deny entry. Stay upwind; Keep out of low areas. Do not walk or touch spilt material unless wearing personal protection as outlined under MSDS.

SPILL OR LEAK PROCEDURE:

Shut off ignition sources, no flares, smoking or flames in hazard area. Stop leak if you can do it without risk. Water spray may reduce vapour; but it may not prevent ignition in closed spaces.

Take up with sand, dirt or vermiculite. DO NOT use sawdust. Use non-sparking tools or HEPA vacuum system. Place into labelled drum(s) for later disposal.

7. HANDLING AND STORAGE

Store in a cool place and out of direct sunlight. Store away from sources of heat or ignition, strong alkalis, acids, combustibles and oxidizing agents. All equipment must be earthed. Store in original packages as approved by manufacturer. For further information please refer to the Engineering Controls of this MSDS.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards

No exposure standards are available for this product, however, the following exposure standards have been assigned by the National Occupational Health & Safety Commission (NOHSC) to the following components of the product:

ALIPHATIC PETROLEUM DISTILLATES

No exposure standards have been assigned by the National Occupational Health & Safety Commission (NOHSC)

SOLVENT 100

(Worksafe Australia)

[TWA]50 ppm

2-BUTOXY ETHANOL (Below Cutoff)

(Worksafe Australia)

[TWA]25 ppm 121 mg/m³

Notices: Sk

References: H;R

(ACGIH)

[TWA]25 ppm 121 mg/m³

Notices: Sk

Engineering Controls

Flammable liquid. Maintain adequate ventilation at all times. Prevent accumulation of vapours in hollows or sumps. Eliminate any sources of ignition. Elevated temperature or mechanical action may form vapours, mists or fumes which may require local exhaust ventilation systems.

Personal Protection Equipment

CLOTHING: PVC or rubber apron.

GLOVES: PVC or rubber.

EYES: Chemical goggles or faceshield to protect eyes.

RESPIRATORY PROTECTION: Avoid breathing of vapours/gases. Select and use respirators in accordance with AS/NZS 1715/1716. When vapours/gases exceed the exposure standards then the use of a half-face respirator with organic vapour cartridge is recommended. For high concentration use an atmosphere-supplied, positive pressure demand self-contained or airline breathing apparatus, complying with the requirements of AS/NZS 1715 is recommended. Filter capacity and respirator type depends on exposure levels and type of contaminant.

If entering spaces where the airborne concentration of a contaminant is unknown then the use of a Self contained breathing apparatus (SCBA) with positive pressure air supply complying with AS/NZS 1715 / 1716, or any other acceptable International Standard is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|----------------------|---|
| Appearance: | Viscous coloured liquid with hydrocarbon odour. |
| Boiling Point | >137 °C |
| Melting Point: | |
| Vapour Pressure: | 8 mmHg @ 25°C |
| Specific Gravity: | 1.06 |
| Flash Point: | 24°C |
| Flammability Limits: | 0.6 – 7.5 % |
| Solubility in Water: | Insoluble |

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10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions of use.

HAZARDOUS DECOMPOSITION PRODUCTS: Emits oxides of carbon when heated to decomposition.

HAZARDOUS POLYMERIZATION: Will not occur.

INCOMPATIBILITIES: Chlorates, perchlorates, chromates, dichromates, nitrates and other oxidizing agents.

CONDITIONS TO AVOID: Heat, flames, ignition sources and incompatibles.

11. TOXICOLOGICAL INFORMATION

There is no toxicological information available for this product.

12. ECOLOGICAL INFORMATION

This substance may cause long term adverse effects in the aquatic environment.

This substance may cause long term adverse effects in the environment

13. DISPOSAL CONSIDERATIONS

Refer to appropriate authority in your State. Dispose of material through a licensed waste contractor. Advise flammable nature. Normally suitable for disposal by approved waste disposal agent.

14. TRANSPORT INFORMATION

UN Number: 1263

Proper Shipping Name: PAINT

Dangerous Goods Class: 3

Subsidiary risk: n/a

Packing Group: III

Hazchem Code: 3[Y]

Classified as a CLASS 3 (FLAMMABLE LIQUID) Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail, 6th Edition.

Dangerous goods of Class 3 (Flammable Liquid) are incompatible in a placard load with any of the following:

- Class 1
- Class 2.1, if both the Class 3 and Class 2.1 dangerous goods are in bulk
- Class 2.3
- Class 4.2
- Class 5
- Class 6, if the Class 3 dangerous goods are nitromethane
- Class 7

Dangerous Goods - Initial Emergency Response Guide (SAA/SNZ HB76:1997)
For LIQUIDS - Flammable, Guide No: 15

15. REGULATORY INFORMATION

Poison Schedule: S5

This material is a Scheduled S5 Poison and must be stored, handled and used according to the appropriate regulations.

RISK PHRASES

R10 Flammable

R65 Harmful: May cause lung damage if swallowed.

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SAFETY PHRASES

- S2 Keep out of reach of children.
S16 Keep away from sources of ignition - No smoking.
S24/25 Avoid contact with skin and eyes.
S43 In case of fire use dry chemical, foam or Carbon Dioxide.
S62 If swallowed, do not induce vomiting; Seek medical advice immediately and show this container or label.

16. OTHER INFORMATION

Contact Point

Technical Manager Ph: +61 2 9757 8881

Disclaimer

The information herein is to the best of our knowledge, correct and complete. It describes the safety requirements for this product and should not be construed as guaranteeing specific properties. Since methods and conditions are beyond our control we do not accept liability for any damages resulting from the use of, or reliance on, this information in inappropriate contexts.