

Material Safety Data Sheet

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Issue date: December 2002

Hazardous according to criteria of Worksafe Australia

GALMET Rustpaint Aerosol

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

ITW Polymers & Fluids ABN 63 004 235 06
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Wetherill Park NSW 2164
Ph: +61 2 9757 8800
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Emergency Ph: + 61 2 9757 8800 (Office Hours)

Queensland Distributor
INTERNATIONAL TRADERS Pty Ltd
ABN: 27100193619
6 / 286 Evans Rd
Salisbury Q 4107
Ph: (07)3272 9051
Fax:(07)3272 9744

Product Name: GALMET Rustpaint Aerosol

Synonyms: n/a

Manufacturer's Product Code(s): GRPA

Use: Anticorrosive surface coating

UN Number: 1950

Proper Shipping Name: AEROSOLS

Dangerous Goods Class: 2.1

Subsidiary risk: 3

Packing Group: None allocated

Hazchem Code: 2[Y]

Poison Schedule: S5

2. COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE NAME	Proportion	CAS Number
DIMETHYL ETHER	30 to 60%	115-10-6
SOLVENT NAPHTHA LIGHT ALIPHATIC	10 to 30%	64742-89-8
TOLUENE (Below Cutoff)	10 to 30%	108-88-3

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.

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 poisoning occurs, contact a doctor or Poisons Information Centre (dial 13 11 26 anywhere in Australia).

If sprayed in mouth, rinse out then give milk or water to drink.

Eye:

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

Skin:

If product is sprayed onto the skin, immediately remove any contaminated clothing and wash skin thoroughly with soap and water. If irritation persists 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

Fire/Explosion Hazard: If safe to do so, move undamaged containers from fire area. If safe to do so, move undamaged containers from fire area. If involved in a fire cans may explode if subjected to heat greater than 54°C.

Hazardous Decomposition Products: Emits oxides of carbon and other decomposition products.

Fire Fighting Procedures: Fire fighters to wear Self-contained breathing apparatus (SCBA) in confined spaces, in oxygen deficient atmospheres or if exposed to products of decomposition. Full protective clothing is also recommended.

Extinguishing Media: Use foam, carbon dioxide or dry chemical powder.

Flammability

This product is considered to be non-flammable. Contents under pressure.

6. ACCIDENTAL RELEASE MEASURES

Ventilate area. Extinguish all sources of ignition, heat and naked flames. Wear personal protective equipment as highlighted in this MSDS. Approach spill / punctured can-area cautiously. If large number of cans have burst/punctured, remove all unnecessary personnel from the area and allow the propellant to evaporate to the atmosphere. When safe, approach area and place foam, dirt, sand or earth on spill and then scoop up with non-sparking tools and place into suitably labeled drum for later disposal.

7. HANDLING AND STORAGE

Store in a cool place and out of direct sunlight. Store away from sources of heat, ignition, sparks, flames or electrical discharges. All equipment must be earthed. Do not store above 50°C. Store away from oxidizing agents.

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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:

DIMETHYL ETHER

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

SOLVENT NAPHTHA LIGHT ALIPHATIC (ACGIH)

[TWA]300 ppm

[STEL]400 ppm

TOLUENE (Below Cutoff) (Worksafe Australia)

[TWA] 100 ppm 377 mg/m³ [STEL]150 ppm 565 mg/m³ **References:** H;R

(ACGIH)

[TWA]50 ppm 188 mg/m³ **Notices:** Sk

Engineering Controls

Maintain adequate ventilation at all times. In most circumstances natural ventilation systems are adequate unless the material is heated, reacted or otherwise changed in some type of chemical reaction, then the use of a local exhaust ventilation system is recommended.

Personal Protection Equipment

GLOVES: PVC or Rubber

EYES: Chemical goggles or faceshield to protect eyes.

RESPIRATORY PROTECTION: Avoid breathing of vapours, mists or spray. Select and use respirators in accordance with AS/NZS 1715/1716. When mists or vapours exceed the exposure standards then the use of half-face organic vapour respirator is recommended. Filter capacity and respirator type depends on exposure levels.

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Thin coloured liquid with hydrocarbon odour

Boiling Point Melting Point: -25 C

Vapour Pressure: 31 mmHg @ 25C

Specific Gravity: 0.9

Flash Point: -41 C

Flammability Limits: 0.8 – 26.7%

Solubility in Water: 35%

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10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions of use.

HAZARDOUS DECOMPOSITION PRODUCTS: Emits oxides of carbon upon decomposition.

HAZARDOUS POLYMERIZATION: Will not occur.

INCOMPATIBILITIES: Strong alkalis, acids, and 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

Seek expert advice in all cases dealing with leaking or suspicious cylinders. Remove all unnecessary personnel from the area. If safe to do so, move container to well ventilated area, away from all personnel and allow to naturally vent to atmosphere.

14. TRANSPORT INFORMATION

UN Number: 1950

Proper Shipping Name: AEROSOLS

Dangerous Goods Class: 2.1

Subsidiary risk: 3

Packing Group: None allocated

Hazchem Code: 2[Y]

Classified as a CLASS 2.1 (FLAMMABLE GAS)

Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail, 6th Edition.

Dangerous goods of Class 2.1 (Flammable Gas), or with a subsidiary risk of 2.1, are incompatible in a placard load with any of the following:

- Class 1
- Class 3, if both the class 2.1 and Class 3 dangerous goods are in bulk.
- Class 4
- Class 5
- Class 7

Emergency information (Transport):

Dangerous Goods - Initial Emergency Response Guide (SAA/SNZ HB76:1997)

For Aerosol Dispensers, No: 49

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

R12

Extremely flammable

R65

Harmful: May cause lung damage if swallowed.

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SAFETY PHRASES

- S2 Keep out of reach of children.
- S9 Keep container in a well ventilated place.
- S16 Keep away from sources of ignition - No smoking.
- S25 Avoid contact with eyes.
- S29 Do not empty into drains.
- S33 Take precautionary measures against static discharge.
- S45 In case of accident or if you feel unwell, contact a doctor or Poisons Information Centre immediately and show this container or label.
- S62 If swallowed, do not induce vomiting; Seek medical advice immediately and show this container or label.

16. OTHER INFORMATION

Contact: Technical Manager Ph: +61 2 9757 8881

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.