



Material Safety Data Sheet

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Issue date: April 2010

Erlease W

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Erlease W

Synonym: None

Use: Release agent

Era Polymers Pty Ltd
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Australia
Ph: +61 2 9666 3788
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Emergency Advice All Hours:
Technical Manager +61 2 9666 3788

2. HAZARDS IDENTIFICATION

HAZARDOUS ACCORDING TO NOHSC CRITERIA

Hazard Category: Harmful (Xn)

Hazard Classification: HAZARDOUS SUBSTANCE, DANGEROUS GOOD

RISK PHRASES

R10 Flammable

R65 Harmful: May cause lung damage if swallowed.

SAFETY PHRASES

S23 Do not breathe fumes/vapour/spray.

S24 Avoid contact with skin.

S62 If swallowed, do not induce vomiting; Seek medical advice immediately and show this container or label.

Poison Schedule: None allocated [Aust].

Warning Statement:

Do not swallow. Flammable material.

3. COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE NAME	Proportion	CAS Number
HYDROCARBON NAPHTHA	Greater than 60%	64742-47-8

All other ingredients not hazardous according to NOHSC Criteria.

4. FIRST AID MEASURES

Swallowed:

If swallowed, DO NOT induce vomiting. Seek urgent medical attention.

Eye:

If material is splashed into eyes, flush with plenty of water for at least 15 minutes, ensuring eyelids are held open. Seek medical attention.

Skin:

If material is splashed onto the skin, remove any contaminated clothing and wash skin thoroughly with water and soap. Seek medical attention if irritation develops or persists.



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Inhaled:

Remove victim to fresh air. Apply resuscitation if victim is not breathing. Administer oxygen if breathing is difficult. Seek medical attention.

First Aid Facilities:

Eye wash fountain, safety shower and normal washroom facilities.

Advice to Doctor:

Treat symptomatically.

In case of poisoning, contact Poisons Information Centre

In Australia call Tel: 131126

In New Zealand Tel: 034747000

5. FIRE-FIGHTING MEASURES

Fire/Explosion Hazard

EXTINGUISHING MEDIA: Use foam, carbon dioxide or dry chemical powder. Do not use a direct stream of water since product will float and can reignite on the surface.

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 to prevent pressure build-up, which could result in container rupture.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Dusts from this product may form explosive mixtures with air. Pressure build-up in containers, caused by heat, could result in container rupture. Do not cut, puncture or weld on empty drum because it may contain explosive or harmful vapours.

HAZCHEM CODE: 1[Z] [Aust]

FLAMMABILITY

Flammable solid. Avoid sources of ignition, heat and naked flames. May be ignited by friction, heat, sparks or flames. May re-ignite after fire is extinguished.

6. ACCIDENTAL RELEASE MEASURES

This product is a solid and therefore the likelihood of a spill occurring is minimal.

Should a spill occur, the following should be noted:

- Eliminate all ignitions sources
- Vapours are heavier than air and may spread long distances or collect in low spots.
- Wear protective equipment as specified in the PPE section of this MSDS.

SMALL SPILLS OR LEAKS:

Stop leak if it is safe to do so. Soak up with absorbent material.

LARGE SPILLS:

Dike area to prevent run-off, recover liquid and soak up with absorbent material. Collect absorbed material using non-sparking tools.

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:

Flammable solid. Remove all sources of ignition, heat, sparks and flames. Do not cut, puncture or weld on empty drum because it may contain explosive or harmful vapours. Wear PPE as specified in the PPE section of this MSDS.

CONDITIONS FOR SAFE STORAGE:

Store in a well-ventilated area away from heat and sources of ignition. Store away from strong oxidisers. Store in suitable labelled containers. Have appropriate fire extinguishers available in and near the store area. Keep containers closed when not in use.



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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 [NOHSC] to the following components of the product:

HYDROCARBON NAPHTHA

(ACGIH)

[TWA] 100 ppm

Highly-refined Mineral Oil Mists exposure standards (NOHSC)

[TWA] 5 mg/m³

[STEL] 10 mg/m³

Engineering Controls

Ensure ventilation is adequate to maintain air concentrations below exposure standards. If local exhaust ventilation is used, ensure sufficient air is replaced to compensate the air that has been removed. Vapour is heavier than air and will tend to accumulate in hollows or sumps. DO NOT enter confined spaces where vapours may have collected.

Personal Protection Equipment

CLOTHING: Wear appropriate clothing to avoid skin contact - PVC, Nitrile, Neoprene, Natural rubber or any other type of apron or splash suit as recommended by the manufacturer.

GLOVES: Wear impervious gloves - PVC, Nitrile, Neoprene, Natural rubber or any other type of glove as recommended by the manufacturer.

EYES: Wear safety glasses with side shields, chemical goggles or a face shield to protect eyes.

RESPIRATORY PROTECTION: Avoid breathing of gases. Select and use respirators in accordance with AS/NZS 1715/1716. When gases exceed the exposure standards then the use of 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. 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: Off white paste, naphtha odour

Boiling Point Melting Point: BP = 154°C (initial)

Vapour Pressure: Not determined

Specific Gravity: 0.77

Flash Point: 39°C

Flammability Limits: LFL = 1%, UFL = 6%

Solubility in Water: Not soluble

Other Properties

% Volatile (by weight) = 85 - 95%

10. STABILITY AND REACTIVITY

STABILITY:

Stable under normal conditions of use.

HAZARDOUS DECOMPOSITION PRODUCTS:

Emits hydrocarbon decomposition products and formaldehyde when heated to decomposition.

HAZARDOUS POLYMERIZATION:

Will not occur.

INCOMPATIBILITIES:

Strong alkalis, acids, nitrates and oxidizing agents.



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CONDITIONS TO AVOID:

Heat, flames, ignition sources and incompatibles.

11. TOXICOLOGICAL INFORMATION

No adverse health effects are expected, if the product is handled in accordance with this Material Safety Data Sheet and the product label. Symptoms and effects that may arise if the product is mishandled and overexposure occurs are:

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.

Toxicological Data:

There is no other toxicological information available for this product.

12. ECOLOGICAL INFORMATION

Ecotoxicity:

There is no information available for this substance.

Mobility:

There is no information available for this substance.

Persistence / Degradability:

There is no information available for this substance.

Chemical Fate Information:

There is no information available for this substance.

13. DISPOSAL CONSIDERATIONS

Disposal should be done by an authorised Disposal Management Company. DO NOT discharge to sewer.

14. TRANSPORT INFORMATION

Road Transport

UN Number: 1325

Proper Shipping Name: FLAMMABLE SOLID, ORGANIC, N.O.S. (Hydrocarbon Naphtha)

Dangerous Goods Class: 4.1

Packing Group: II

Label: Harmful (Xn)



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Disclaimer

This MSDS summarises our best knowledge of the health and safety hazard information available on the product and the measures to be used to handle and use the product safely. Each user should read this MSDS and consider the information in connection with the way the product is intended to be handled or used.

Principal References:

Information supplied by manufacturer, reference sources including the public domain.

END OF MSDS