



P.O Box 40604
Upper Hutt 5140
New Zealand
Phone 64 4 5285071
www.rubbersolutions.co.nz.

Rubbersolutions Asia-Pacific Ltd

SAFETY DATA SHEET

P134 Mould Release

1. IDENTIFICATION

Product Name: P134 Mould Release

Other Names: N/A

Chemical 'Family: Silicone lubricant

Molecular formula: N/A

Recommended Use: Spray on to moulds to aid tyre release

Supplier: Rubber Solutions Asia-Pacific Ltd

ABN: PO Box 40-604 Upper Hutt

Street Address: South Pacific Industrial Park, Railway Ave, Upper Hutt

Telephone: 64-4-5285071

Fax: 64-4-5285074

Emergency phone: 027-2274026

All other inquiries: 027-2274026

2. HAZARDS IDENTIFICATION

Product is classified hazardous

HSNO Classifications: 6.4A, 9.4A

Signal word: Warning

Risk Phrases:

May be harmful if swallowed

HH19 May cause eye irritation

Safety Phrases:

Wash hands thoroughly after handling.

PP66 Do not release to the environment

Dangerous Goods Classification: n/a

Poisons Schedule



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3. COMPOSITION: Information on Ingredients

Chemical Ingredient	CAS No.	Proportion (%v/v)
polydimethylsiloxane	63148-62-9	3-6
Alkyphenol ethoxylates	Not required	0-0.5
Non hazardous ingredients	Not required	To 100

4. FIRST AID MEASURES

For advice, contact Poisons Information Centre (Phone: 0800 Poison 764 766) or a doctor.

Ingestion:

If swallowed, do NOT induce vomiting. Obtain medical attention if symptoms develop.

Eye Contact:

Hold eyelids apart & flush the eye continuously with running water. Obtain medical attention if symptoms develop.

Skin Contact:

Wash thoroughly with soap and water, clean clothing before reuse. Consult a physician if irritation develops.

Inhalation:

Move to fresh air immediately. Assist breathing if necessary. Obtain medical attention if symptoms develop.

First Aid facilities:

Provide eye baths & normal wash room facilities.

Medical Attention:

Treat according to symptoms.

5. FIRE FIGHTING MEASURES

Not normally applicable

If water has evaporated, the product becomes combustible, will release oxides of carbon, Silica and Formaldehyde. Use foam, powder or CO₂ to extinguish.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures

Prevent fluid from escaping to drains & waterways. Contain leaking packaging in a containment drum. Ensure drain valves are closed

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Methods and materials for containment

Major Land Spill

- Prevent liquid from entering sewers, watercourses, or low-lying areas
- Keep public away from the area
- Shut off the source of the spill if possible to do so
- Advise authorities if substance has entered a watercourse or sewer or has contaminated soil or vegetation
- Take measures to minimise the effect on ground water
- Contain spilled liquid with sand or earth
- Consult an expert on disposal of recovered material & ensure conformity to disposal rules

Major Water Spill

- Notify the port or relevant authority & keep public away
- Shut off the source of spill if possible & safe to do so
- Confine spill if possible
- Consult an expert on disposal & ensure conformity to local regulations of disposal

7. HANDLING AND STORAGE

Precautions for safe handling

This product is not flammable unless water has evaporated off.

Keep container closed & handle with care.

To avoid slip hazard, clean up any spills immediately.

Conditions for safe storage

Store in a cool, dry place away from direct sunlight.

Incompatible materials

N/a

8. EXPOSURE CONTROLS: PERSONAL PROTECTION

National Exposure Standards

No occupational exposure standards are recommended by the National Occupational Health and Safety Commission (NOHSC) or other major overseas jurisdiction.

Biological limit values

None specified



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Engineering Controls: Ventilation

Under normal operating conditions use in a well-ventilated area.
At elevated temperatures or aerosol/spray applications, use local exhaust ventilation to remove fumes from operator's breathing zone.

Personal Protective Equipment

Respiratory Protection:

If an aerosol is created, then a respirator fitted with a combination organic vapour/PI filter in accordance with AS/NZS1715 and AS/NZS1716 should be worn. The type of respirator required depends upon the level of exposure. A minimum of a full face respirator is recommended to afford eye protection.

Eye Protection:

Safety glasses with side shields should be worn when handling. It is generally recognized that contact lenses should not be worn when working with chemicals because contact lenses may contribute to the severity of an eye injury.

Skin/Body Protection:

Wear rubber gloves for routine industrial use.
Wear clothing suitable for the task.

9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Unit of measurement	Typical value
Appearance		White emulsion liquid
Boiling Point	°C	~100
Flash Point	°C	n/a
Density @ 15 °C	g/ml	~1.0
Vapour Pressure @ 20 °C	kPa	Not available
Explosive Limits (LEL-UEL)	%	Not available
Vapour Density @ 20 °C	kPa	Not available
Autoignition Temperature	°C	n/a>150 (after water evaporated)
Viscosity @ 20 °C	cSt	Not available
Percent Volatiles	%	Not available
Solubility with Water	%w/w	100

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The values listed are indicative of this product's physical and chemical properties. For a full product specification, please consult the Product Data Sheet.

10. STABILITY AND REACTIVITY

Chemical Stability

Non flammable

Conditions to avoid

n/a

Hazardous decomposition products

No decomposition products except on burning. Oxides of carbon and nitrogen.

Hazardous reactions

n/a

11. TOXICOLOGICAL INFORMATION

Acute Effects

Ingestion

May cause health effects, in large quantities may cause nausea and vomiting

Eye Contact

May cause irritation to the eyes but will not permanently damage eye tissue

Skin Contact

May cause mild irritation

Inhalation

May cause irritation to respiratory tract.

Chronic Effects

Repeated or prolonged skin contact may cause allergic skin reaction

Other Health Effects Information

n/a



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Toxicological Information

n/a

12. ECOLOGICAL INFORMATION

Eco toxicity

Aquatic Toxicity

Do not allow to enter waterways, drains or sewers. Removed from water by sedimentation or binding to sewage sludge.

No adverse effects on aquatic organisms. Ecotoxic to terrestrial invertebrates.

Persistence/degradability

Not biodegradable.

Mobility

Will eventually bind to soil and sediment.

13. DISPOSAL CONSIDERATIONS

Disposal Methods

Empty-packaging-to recycling, recovery or disposal through qualified contractor.

Special Precautions for Landfill or Incineration

NOT suitable for landfill.

14. TRANSPORT INFORMATION

Road and Rail Transport		Marine Transport		Air Transport	
UN No.	n/a	UN No	n/a	UN No	n/a
Proper Shipping Name	n/a	Proper Shipping Name	n/a	Proper Shipping Name	n/a
DG Class	n/a	DG Class	n/a	DG Class	n/a
Sub Risk	None	Sub Risk	None	Sub Risk	None
Pack Group	n/a	Pack Group	n/a	Pack Group	n/a
Hazchem	n/a	Hazchem	n/a		n/a



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Dangerous Goods Segregation

Not classed as dangerous goods.

15. REGULATORY INFORMATION

The regulatory information is not intended to be comprehensive. Other regulations may apply to this material.

Environmental Risk Management Authority (ERMA) Group Standard Number:
Additives Process Chemicals and Raw Materials Subsidiary Hazard Group Standard
2017 HSR002503

Country/Region: New Zealand
Certified Handler: Not Required
Inventory: NZCIC
Status: Listed
Poisons Schedule: None established

16. OTHER INFORMATION

Reasons for issue: Add Regulatory Information in Section 15.

Abbreviations:

NZCIC. NZ Chemical Industry Council

CAS Number: Chemical Abstracts Number

References:

- Supplier Material Safety Data Sheets

The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writer's knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses, but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product. For further information, please contact Rubber Solutions Asia-Pacific Ltd.

Link to: [Rubber Solutions web page](#)