

RL512 SILICONE RELEASE AGENT

1. IDENTIFICATION OF SUBSTANCE OR PREPARATION AND COMPANY

Product Name: RL512 Silicone Release Agent

Unique Reference Number: RL512

Address: W.P. Notcutt Ltd
Homewood Farm, Newark Lane,
RIPLEY
Surrey GU23 6DJ
TEL: 01483 223311
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2. COMPOSITION & INFORMATION ON INGREDIENTS

Substance: N **Substance name:** N/A
CAS Number: N/A **EC Index Number:** N/A
EEC Number: N/A

Constituent Substances:	%Range	Haz.Sym.Risk Phrases	
Aliphatic Solvent	60-75	Xn	R10 R65

3. HAZARDS IDENTIFICATION

High vapour concentrations are irritating to eyes and respiratory tract, may cause dizziness, are anaesthetic and may have other central nervous system effects.

Contact with eyes may cause mild irritation.

Prolonged or repeated skin contact may cause irritation.

Harmful may cause lung damage if swallowed.

4. FIRST AID MEASURES

Immediate medical attention required: N

Professional assistance required: Y

Summary of First Aid.

Inhalation: Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult give oxygen. Call a physician.

Skin Contact: Flush skin with water for 10 minutes while removing any contaminated clothing and shoes. Wash contaminated clothing before re-use.

Eye Contact: Irrigate with clean water for at least 10 minutes. If irritation persists seek medical attention.

Ingestion: If conscious give plenty of water to drink. Do not induce vomiting. Obtain medical attention.

5. FIRE FIGHTING MEASURES

Extinguishing Media: Chemical foam or dry chemical.

Unsuitable Extinguishing Media: Water jet.

Special Exposure Hazards in Fire: Organic material – will support combustion. Combustion products may include carbon monoxide and carbon dioxide.

Special Protective Equipment For Fire Fighters: Wear positive pressure breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear suitable protective clothing and eye or face protection.

Environmental Precautions: Prevent entry into drains or watercourses.

Methods of Cleaning: Eliminate sources of ignition. Take up with absorbent (e.g. sawdust, sand or earth) and dispose of according to local authority regulations. Ventilate area and wash spill site with water.

7. HANDLING AND STORAGE

Handling: Wear suitable protective clothing, gloves and eye protection.

Storage: Store at 0-25°C in tightly sealed containers away from sources of heat and flame.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Take Measures to Prevent: Accumulation of vapours. Static discharge.

Exposure control limits, and source: Aliphatic Solvent (Carrier solvent): 300ppm (Manufacturers recommended limit).

Respiratory Protection:	Local exhaust ventilation or positive breathing apparatus.
Hand Protection:	Impervious gloves (PVC or rubber).
Skin Protection:	Impervious gloves (PVC or rubber) and overalls.
Eye Protection:	Safety glasses or safety goggles. Locate eyewash bottle in immediate work area.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Low Viscosity Liquid
Colour:	Clear water/white liquid
pH:	N/A
Boiling Point:	145-165°C
Melting Point:	Below -20°C
Flashpoint:	32°C
Flammability:	N/A
Autoflammability:	Above 200°C
Explosive Properties:	N/A
Oxidising Properties:	N/A
Vapour Pressure:	1.9kPa @ 38°C, 4.3kPa @ 55°C
Relative Density:	0.83 g/mL @ 15°C
Solubility:	Below 0.1% in water @ 20°C
Other:	

10. STABILITY AND REACTIVITY

Conditions to Avoid:	Avoid exposure to naked flames and incandescent surfaces.
Materials to Avoid:	Strong oxidising or reducing agents.

Hazardous Decomposition Products:
When heated to decomposition and on combustion – oxides of carbon.

11. TOXICOLOGICAL INFORMATION

No toxicological data available.

12. ECOLOGICAL INFORMATION

Possible Effects:	No information available. Not classified as dangerous for the environment.
Behaviour:	As above.

Environmental Fate: As above.

13. DISPOSAL CONSIDERATIONS

Likely Residues and Waste Products: None.

Safe Handling of Residues and Waste Product:

Dispose of by controlled incineration or landfill, subject to local authority regulations.

14. TRANSPORT INFORMATION

UN No.	1223	Kerosene
Technical Name:	None	
Class:	3	Flammable liquid
Packing Group:	III	

Air: Packing Instructions

Passenger: 309

Cargo only: 310

Sea: EMS No. 3 – 07

Marine Pollutant: Y

Road: ADR Item Number 31(c)

15. REGULATORY INFORMATION

Supply Label Information:	HARMFUL Xn FLAMMABLE
Risk Phrases:	R10 R65
Safety Phrases:	S9 S16 S23 S33 S43

16. OTHER INFORMATION

Training Advice:

Read product data sheets carefully. If clarification is required refer to manufacturer.

Recommended Uses and Restrictions:

Release agent for use with cast resin systems. No other use advised.

Further Information Sources:

N/A

Sources of Key Data Used to Compile This SDS:

Manufacturers product data.

Croners Guide to CHIP Regulations.

Occupational Exposure Limits. Guidance Note EH40

Approved Supply List (CHIP Regulations).

The data contained in this Safety Data Sheet has been supplied as required by the Chemicals (Hazard Identification and Packaging) Regulations 1994, as amended, for the purposes of protecting the health and safety of industrial and commercial users who are deemed capable of understanding and acting on the information provided.

Please ensure that it is passed to the appropriate person in your company, who is capable of acting on the information.

NOTE: This data sheet does not constitute a user's assessment of workplace risk as required by HSW Act, COSHH, Management of Health & Safety at Work Regulations, or other Health and Safety Legislation.