

MATERIAL SAFETY DATA SHEET

This product is classified as a Hazardous Substance according to criteria of NOHSC Australia

1. IDENTIFICATION OF THE MATERIAL

Product Name: **144 A Silicone Emulsion**
Other Names; Printers Silicone, silicone emulsion with wax
Product Code: JdS
Supplier: GSB Chemical Co. Pty. Ltd Telephone: +61 03 9457 1125
ACN 004 355113 Facsimile: +61 03 9459 7978
84 Camp Road Internet: www.gsbchem.com.au
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Major Uses and Methods of Application: Multi purpose lubricant solution

2. COMPOSITION

	CAS No.	PROPORTION
Polydimethylsiloxane	63148 - 62 - 9	30 - 60 % w/w
Water	7732-18-5	30 - 60 % w/w
5-Chloro-2-methyl-4-isothiazol-3-one	26172-55-4	< 10% w/w

3. HAZARDS IDENTIFICATION

Risk Phrases: Irritating to eyes. May cause sensitisation by skin contact
Poisons Schedule: None

4. FIRST AID MEASURES

For advice, contact a Poisons information Centre (Phone Australia 13 1126, New Zealand 0 800 764766)

Swallowed: Give water to drink to dilute stomach contents and seek medical attention
Eye: Flush with flowing water for at least 15 minutes, and if symptoms persist, seek medical attention.
Skin: Flush skin with flowing water for at least 15 minutes. Remove contaminated clothing and shoes. If irritation persists, seek medical attention Decontaminate clothing before re-use or discard
Inhalation: Remove source of contamination or move person to fresh air. Give artificial respiration if breathing has stopped. Seek medical attention
Advice to Doctor: There is no specific antidote. Treat symptomatically.

5. FIRE FIGHTING MEASURES

Non-flammable

6. ACCIDENTAL RELEASE MEASURES

Spilled liquid may make floors and surfaces slippery.
Contain spill and recover spilled liquid for safe disposal. Remainder can be soaked into an inert absorbent (vermiculite, sand, etc.) and residual washed off.
Dispose absorbed and unrecoverable material to an approved site.
Consult local authority

7. HANDLING AND STORAGE

Handling: Avoid skin and eye contact and breathing in vapour
Storage: Store in closed containers away from direct sunlight.

8. EXPOSURE AND PERSONAL PROTECTION

Personal Protection: Not established (500 ppm, TWA recommended)
Eye protection: Safety glasses, goggles or face shield as required
Hand Protection: PVC, neoprene or nitrile rubber gloves
Footwear: Rubber boots
Respiratory Protection: Overexposure by this route is not possible unless the product is present as a spray or mist in which case remove the victim to fresh air. Monitor response and seek Medical attention
Safety showers with eyewash should be provided in all areas where product is handled. No respiratory protection required if engineering, storage and handling controls are adequate,
Engineering Controls: No special ventilation required

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Off white creamy liquid, characteristic odour
Boiling Range: 100 °C
Vapour Pressure: Not Available
Vapour Density: lighter than air
Specific Gravity: 1.0
Flash Point: 101 °C
Solubility in water: soluble in all proportions
Volatiles by Volume: Approx 65%

10. STABILITY AND REACTIVITY

Stable under ordinary conditions of use and storage.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this MSDS and product label.
Symptoms or effects that may arise if the product is misused and overexposure occurs are:

Swallowed: Small amounts transferred to the mouth by fingers during use should not injure. Swallowing large amounts may cause digestive discomfort.

Eye: Direct contact may irritate seriously with moderate to severe redness, swelling and some corneal injury lasting several days to a week

Skin: A single exposure (less than 24 hrs) may irritate. Repeated, prolonged contact (24 - 48 hrs) may cause moderate irritation.

Inhalation: This product has extremely low vapour pressure and hence inhalation is unlikely as a route of over exposure. The odour of the product irritates the eyes and nose slightly

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways

Aquatic toxicity: Toxic to fish

13. DISPOSAL

Keep out of sewers, storm drains, surface waters and soil. Do not empty into drains; dispose of this material and container in a safe way

For small spills or drips, wipe up and dispose in approved waste container. Dispose absorbed and unrecoverable material to an approved site. Consult local authority

14. TRANSPORT INFORMATION

U.N. Number:	None allocated	Hazchem Code: Xi Irritant
D. G Class:	None allocated	Packaging Group: None allocated
Poisons Schedule:	None allocated	

This product contains 5-Chloro-2-methyl-4-isothiazol-3-one

15. REGULATORY INFORMATION

Risk Phrase: R36 Irritating to eyes
R43 May cause sensitisation by skin contact

Safety Phrase: S24/25 Avoid contact with skin and eyes
S29/35 Do not empty into drains; dispose of this material and container in a safe way
S 37 Wear suitable gloves
S60 This material and container must be disposed of as hazardous waste

Hazard Category: Xi Irritant

16. OTHER INFORMATION

Contact: Technical Manager
Telephone (03) 94571125

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END OF MSDS