

MATERIAL SAFETY DATA SHEET

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

1. IDENTIFICATION OF THE MATERIAL

Product Name: Crystal Varnish Satin XC
Other Names; Overprint Varnish, Litho Varnish
Product Code: MS004
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
Broadmeadows Vic. 3047 e-mail: info@gsbchem.com.au

Major Uses and Methods of Application: For overprinting finished print via lithographic machinery

2. COMPOSITION

	CAS No.	PROPORTION
Phenolic Resin	9002-84-10	30 - 60% w/w
High boiling point liquid hydrocarbons	Proprietary	10 - < 30% w/w
Polyethylene wax	Proprietary	<10 % w/w
Silicone Dioxide	112926-00-8	< 10 % w/w
Vegetable Oil	8001-26-1	< 10 % w/w
Polytetrafluoroethylene wax	9002 -84-10	< 10 % w/w

3. HAZARDS IDENTIFICATION

Non Hazardous

4. FIRST AID MEASURES

For advice, contact a Poisons information Centre (Phone Australia 131126, New Zealand 0 800 764766)

Swallowed: Do NOT induce vomiting. Give glass of water and contact doctor
Eye: Flush with flowing water for at least 15 minutes, and if symptoms persist, seek medical attention.
Skin: Remove contaminated clothing, wash skin thoroughly with soap and water. Wash contaminated clothing before reuse
Inhalation: If symptoms of overexposure are evident remove to fresh air. If symptoms persist contact a doctor.
Advice to Doctor: Treat symptomatically.

5. FIRE FIGHTING MEASURES

Combustible liquid. (combustible liquid, AS 1940) Do not use near ignition sources. No smoking. Products of combustion include carbon monoxide and carbon dioxide. Use dry chemical, foam, CO₂ or water spray (fog).

6. ACCIDENTAL RELEASE MEASURES

Spilled liquid may make floors and surfaces slippery. Shut off all sources of ignition, contain spill and recover spilled liquid for safe disposal. Remainder can be soaked into an inert absorbent (vermiculite, sand, etc.).

7. HANDLING AND STORAGE

Handling: Avoid skin and eye contact and breathing in vapour

Storage: Do not store near strong oxidising agents. Ensure containers are kept closed and stored away from extremes of temperature

8. EXPOSURE AND PERSONAL PROTECTION

Personal Protection:

- Eye protection: Safety glasses, goggles or face shield as required
- Hand Protection: PVC, neoprene or nitrile rubber gloves
- Footwear: Rubber boots
- Respiratory Protection: Generally not required. Ensure adequate ventilation if using in confined rooms.

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: General (mechanical) room ventilation plus special local exhaust ventilation at points where vapour could escape to the work environment. All ventilation equipment must be fitted with flame and explosion proof electrical fittings

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Honey coloured, very viscous liquid. Characteristic odour

Boiling Range: 290 - 320 °C

Vapour Pressure: < 0.1 kPa (20 Deg C)

Specific Gravity: 0.97

Flash Point: > 124°C

Solubility in water: insoluble

Volatiles by Volume: < 25%

10. STABILITY AND REACTIVITY

Stable under ordinary conditions of use and storage.

11. TOXICOLOGICAL INFORMATION

Toxicological Information: Not available

Swallowed: Harmful. Irritant to mouth, throat and digestive tract. Large dose may cause drowsiness and lead to unconsciousness. If aspirated into lungs can cause serious lung inflammation and may be fatal.

Eye: Moderate irritant

Skin: Non irritant. Chronic exposure may lead to dermatitis upon prolonged and repeated contact.

Inhalation: High concentrations of the vapour are unlikely unless the product is fiercely heated. High concentrations may cause depression, dizziness,

nausea, and headache. Irritation of mucous membranes and respiratory tract are possible. Aspiration (e.g. during vomiting) into the lungs can cause serious pneumonitis.

12. ECOLOGICAL INFORMATION

Ecological effects: No data available for finished product.
Keep out of sewers, storm drains, surface waters and soil

13. DISPOSAL

Recycle as much of the recoverable product as possible. Dispose of absorbed and unrecoverable material to an approved site. Landfill or controlled incineration may be carried out with approval of local authority.

14. TRANSPORT INFORMATION

U.N. Number:	None allocated	Hazchem Code:	None allocated
D. G Class:	None allocated	Packaging Group:	None allocated

Classified as C2 (combustible liquid, AS 1940). Not regulated for transport.

15. REGULATORY INFORMATION

Risk Phrase:	None
Safety Phrase:	None
Hazard Category:	Classified as C2

16. OTHER INFORMATION

Contact: Technical Manager
Telephone (03) 94571125

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END OF MSDS