

# Hardshine

## Safety Data Sheet

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# Safety Data Sheet

## 1. SUBSTANCE IDENTIFICATION/ PREPARATION AND COMPANY DETAILS

**Product Name:** HARDSHINE  
**Recommended use:** FLOOR SEALER  
**Supplier:** Stelco Chemicals International Pty Ltd  
**ACN:** 151 834 347  
**Street Address:** 46 – 48 Henderson Road  
Rowville 3178  
Australia  
**Telephone:** +61 3 9757 3100  
**Facsimile:** +61 3 9763 8243  
**Emergency Telephone Number:** 0412 318 882

## 2. HAZARDS IDENTIFICATION

Not classified as Hazardous according to criteria of Safe Work Australia; NON-HAZARDOUS SUBSTANCE.

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Code (ADG Code) for transport by road or rail.

**Poisons Schedule (Aust.):** N/A – Not Applicable.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	Proportion
Styrene/acrylic polymer	-	20 - 30 %

## 4. FIRST AID MEASURES

**Ingestion:** No treatment necessary unless large quantities are swallowed. If vomiting occurs give water. Seek medical advice.

**Eye contact:** If in eyes, wash out immediately with water. In all cases of eye contamination, it is a sensible precaution to seek medical assistance.

**Skin contact:** If skin contact occurs, remove contaminated clothing and wash skin thoroughly. If irritation occurs seek medical advice.

**Inhalation:** Remove victim from exposure - avoid becoming a casualty. Seek medical advice if effects persist.

**Notes to physician:** Treat symptomatically

## 5. FIRE-FIGHTING MEASURES

**Specific Hazards:** Non-flammable liquid.



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<b>Fire fighting further advice:</b>	Non-flammable liquid. Will only burn if enveloped in a pre-existing fire.
<b>Suitable extinguishing media:</b>	Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only. Keep adjacent containers cool by spraying with water. If water is used, it must be sprayed in large quantities.
<b>Hazchem Code:</b>	Not applicable

## 6. ACCIDENTAL RELEASE MEASURES

Slippery when spilt. Avoid accidents, clean up immediately. Turn off ignition sources. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers for disposal.

## 7. HANDLING AND STORAGE

<b>Handling advice:</b>	Avoid skin and eye contact and breathing in vapour, mists and aerosols.
<b>Storage advice:</b>	Store in a cool, dry, well ventilated place and out of direct sunlight. Keep containers closed when not in use - check regularly for leaks.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**National occupational exposure limits:** No value assigned for this specific material by the National Occupational Health and Safety Commission (Worksafe Australia).

**Engineering Control Measures:** Natural ventilation should be adequate under normal use conditions. Keep containers closed when not in use.

**Personal Protective Equipment:** Overalls, Safety Shoes, Safety Glasses, Gloves  
Wear overalls, safety glasses and impervious gloves. Wash contaminated clothing and other protective equipment before storing or reusing

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b>	Liquid
<b>Colour:</b>	White
<b>Odour:</b>	Odourless
<b>pH (concentrate):</b>	8.0 - 9.0
<b>pH (use in dilution):</b>	7.5 - 8.5 (1:100)
<b>Solubility:</b>	Dispersible in water.
<b>Specific Gravity:</b>	1.05 @ 20°C

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Product is stable under normal conditions of use, storage and temperature.
<b>Conditions to avoid:</b>	Extremes temperatures and direct sunlight. Protect from freezing.



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**Materials to avoid:** Incompatible materials include strong oxidising agents, strong acids.

**Hazardous Decomposition products:** Thermal decomposition may result in the release of toxic/or irritating fumes including carbon dioxide, carbon monoxide.

**Hazardous Polymerisation:** Hazardous polymerisation has not been reported.

## 11. TOXICOLOGICAL INFORMATION

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

**Ingestion:** No adverse effects expected. Ingestion of this product may irritate the gastric tract causing nausea and vomiting

**Eye contact:** May be irritating to eyes. The symptoms may include redness, itching and swelling.

**Skin contact:** May be irritating to skin. The symptoms may include redness, itching and swelling.

**Inhalation:** Not expected to be a respiratory irritant.

**Long term effects:** No information available for product.

**Toxicological Data:** No LD50 data available for product. For the constituents: LD50 (Oral, Rat): 5500 mg/kg. LD50 (Dermal, Rabbit): 8500 mg/kg.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** No data available

**Persistence and degradability:** No data available

**Bioaccumulative potential:** No data available

**Mobility in soil:** No data available

**Environmental Protection:** Avoid contaminating waterways, drains and sewers. If product enters soil, it will be highly mobile and may contaminate ground water. Dispersible in water.

## 13. DISPOSAL CONSIDERATIONS

Refer to State Land Waste Management Authority. Normally suitable for disposal at approved land waste site.

## 14. TRANSPORT INFORMATION

**Road and Rail Transport:** Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by road or rail.



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**Marine Transport:** Not a Marine Pollutant

**Air Transport:** Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

## 15. REGULATORY INFORMATION

**Poisons Schedule:** None allocated.

All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

## 16. OTHER INFORMATION

Safety Data sheet has been prepared by Stelco Chemicals International Pty Ltd

This SDS summarises at the date of issue our best knowledge of the health and safety information of the product, and in particular how to safely handle and use the product in the workplace. As each workplace is different each user must, prior to use, review this SDS in the context of how the user intends to handle and use the product in the workplace.

If clarification of further information is needed to ensure that an appropriate assessment can be made, the user should contact this company.