

# Material Safety Data Sheet

**CONPELL Pty Ltd.**

Issue Date December 11, 2019  
Poly Shield SL40 Part B Hardener  
Version 3  
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## SECTION 1 - IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Chemical Nature:** Acrylic Polyol Coating.  
**Trade Name:** Poly Shield SL40 Part B  
**Product Use:** Protective Coating.  
**Product Code:** CPPSSL40  
**Creation Date:** December 2019  
**This version issued** December 2019 and is valid for 5 years from this date.

**THIS VERSION ISSUED: DECEMBER 2016 AND IS VALID FOR 5 YEARS FROM THIS DATE.**

Poisons Information Centre: Phone 13 1126 from anywhere in Australia

### SUPPLIER CONTACT INFORMATION:

**Name :** Conpell Pty. Ltd.  
**Address :** Unit 2, 4 Elderslie Drive, Yatala Qld 4207, PO Box 4252 Loganholme DC Qld 42129 **Telephone :** 61.1300 966 118  
**Website :** www.conpell.com  
**Email :** info@conpell.com  
**Emergency :** 0433 400 220(24 hours, 7 days a week)

## SECTION 2 - HAZARDS IDENTIFICATION

### Statement of Hazardous Nature

Classified as hazardous under the GHS criteria.

**GHS Classification:** Flammable liquids:3; Aspiration Toxicant: 1, Acute Toxicity – Oral:2, – Inhalation: 2; Acute Toxicity – Dermal:3, Chronic Aquatic Toxicity: 3.  
UN Number: 1263

### GHS Pictograms:



### HAZARD STATEMENT:

Flammable liquid and vapour.

### HAZARD STATEMENTS:

H226: Flammable liquid and vapour.  
H312+H332: Harmful in contact with skin or inhaled.  
H315+H320+H335: Causes skin, eye, and respiratory irritation.  
H413: May cause long lasting harmful effects to aquatic life.

### PRECAUTIONARY STATEMENTS:

#### PREVENTION

P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking.  
P260: Do not breath dust/fumes/gas/mist/vapours/spray.  
P262: Do not get in eyes, on skin or on clothing.  
P273: Avoid release into the environment.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.

**Dangerous Goods Classification:** 3

**Poisons Schedule:** 5

**Signal Word:** Warning

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## SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS No	Conc, %
Polyisocyanate	Various	> 50%
Xylene	1330-20-7	> 30%
PGMA	108-65-6	< 25%
n-Butyl Acetate	123-86-4	< 20%

## SECTION 4 - FIRST AID MEASURES

For advice, contact POISONS INFORMATION CENTRE on 13 1126 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this SDS with you when you call.

<b>Inhalation:</b>	Using proper respiratory protection remove victim from exposure if safe to do so, administer artificial respiration if breathing has stopped, Keep at rest. Seek immediate medical attention.
<b>Skin Contact:</b>	If skin or hair contact occurs, remove contaminated clothing, and flush skin and hair with running water.
<b>Eye Contact:</b>	If in eyes, hold eyes open, flood with water continuously for at least 15 minutes Continue flushing until advised to stop by the POISONS INFORMATION CENTRE or a doctor.
<b>Ingestion:</b>	If swallowed, do NOT induce vomiting. Keep at rest, Seek immediate medical attention.
<b>First Aid Facilities:</b>	Provide eye baths and safety showers.
<b>Medical Attention:</b>	Treat according to symptoms.

## SECTION 5 - FIRE FIGHTING MEASURES

Shut off product that may "fuel" a fire if safe to do so. Allow trained personnel to attend a fire in progress providing fire fighters with the Material Safety Data Sheet. Prevent extinguishing media from escaping to drains and waterways.

SUITABLE EXTINGUISHING MEDIA	Alcohol resistant foam, or if unavailable, dry chemical or foam..
HAZARDS FROM COMBUSTION PRODUCTS	This product is combustible and likely to fuel a fire in progress.
SPECIFIC HAZARDS ARISING FROM PRECAUTIONS FOR FIRE FIGHTERS.	Full protective clothing and self-contained breathing apparatus.
Hazchem code	•3Y

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

**EMERGENCY PROCEEDURES** Prevent product from escaping to drains and waterways. Contain leaking packaging in a contained drum. Prevent vapours or dusts from building up in confined spaces. Ensure that drain valves are closed at all times. Clean up and report spills immediately.

### METHODS AND MATERIALS

#### Major land spills:

- Eliminate sources of ignition.

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- Warn occupants of downwind areas of possible fire and explosion hazard, where present.
- Prevent product from entering sewers, watercourses, or low-lying areas.
- Keep the public away from the area.
- Shut off the source of the spill if possible and safe to do so.
- Advise authorities if substance has entered a watercourse or sewer or has contaminated soil or vegetation.
- Take measures to minimize the effect on the ground water.
- Contain the spilled product using the resources in the spill kit.
- Recover by pumping – use explosion proof pump or hand pump – or with a suitable absorbent material.
- Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.
- See “First Aid Measures” and “Stability and Reactivity”.

## Major water spill:

- Eliminate any sources of ignition
- Warn occupants and shipping in downwind areas of possible fire and explosion hazard, where present.
- Notify the port or relevant authority and keep the public away from the area.
- Shut off the source of the spill if possible and safe to do so.
- Confine the spill if possible.
- Remove the product from the surface by skimming or with suitable absorbent material.
- Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.
- See “First Aid Measures” and Stability and Reactivity”.

## SECTION 7 - HANDLING AND STORAGE

**Precautions for safe handling:** Product is flammable. Do not open near open flame, sources of heat or ignition. No smoking. Handle and open containers with care. Open slowly to control possible pressure release. Use grounding leads to avoid discharge. (electrical spark).

**Conditions for safe storage:** Keep containers closed at all times. Store away from foodstuffs. Store in cool, dry place away from direct sunlight. Do not pressurize, cut heat or weld containers. –residual vapours are flammable. This product is flammable and will fuel a fire in progress..

**Incompatible Materials:** Natural rubbers, light weight plastics.

## SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

**NATIONAL EXPOSURE STANDARDS:** The time weighted average concentration (TWA) for this product is: None specified. Consider 5mg/m<sup>3</sup>, which means the highest allowable exposure concentration in an eight hour day for a 5 day working week. The short term exposure limit (STEL) is: Not specified. Consider 5mg/m<sup>3</sup>, which is the maximum allowable exposure concentration at any one time. Replacing a TWA or STEL value for some products is a Peak Limitation value (Peak): None applies in this case. In addition to the exposure concentrations may

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be a subsidiary caution in such cases where the product is a skin sensitizer, represented as (Sen), where none applies in this case.

**BIOLOGICAL LIMIT VALUES (BLV):** None specified.

**ENGINEERING CONTROLS:** **Ventilation** – The use of local exhaust ventilation is recommended to control process emissions near the source. Laboratory samples should be handled in a fume hood. Provide mechanical ventilation of confined spaces. Use explosion proof equipment.

**PERSONAL PROTECTIVE EQUIPMENT** **Respiratory Protection** – Where concentrations in air may approach or exceed the limit described in the National Exposure Standards, it is recommended to use a half-faced filter mask to protect from overexposure by inhalation. A type “A” filter material is considered suitable for this product.

**Eye Protection** – Always use safety glasses or a face shield when handling this product.

**Skin/Body Protection** – Always wear long sleeves, long trousers, or coveralls and enclosed footwear or safety boots when handling this product. It is recommended that chemical resistant gloves be worn when handling this product.

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES:

<b>Physical Description &amp; colour:</b>	Clear mobile liquid.
<b>SG/Density(@15°C):</b>	0.98g/ml; kgm <sup>-3</sup>
<b>Viscosity:</b>	150cPs, mPas.
<b>Boiling Point:</b>	>150°C
<b>Volatiles:</b>	<50% vol/vol.
<b>Vapour Pressure@20°C:</b>	Not determined.
<b>Vapour Density @20°C</b>	Not determined
<b>Explosive limits in air:</b>	Not determined.
<b>Water Solubility:</b>	Dispersible.
<b>Flash point:</b>	28°C.
<b>Auto Ignition Temp</b>	>200°C.
<b>Acidity/alkalinity as pH:</b>	pH neutral.
<b>Other solvents:</b>	Organic solvents.

The values listed are indicative of this products physical and chemical properties. For a full product specification please consult the Technical Data Sheet.

## SECTION 10 - STABILITY AND REACTIVITY.

**Chemical stability:** Stable at room temperature and pressure..

**Conditions to Avoid:** Strong oxidising agents, excessive heat, strong acids and bases, water.

**Hazardous decomposition products:** Carbon dioxide, carbon monoxide on decomposition or incomplete oxidation.

**Hazardous reactions:** Strong oxidising agents, excessive heat, strong acids and bases.

**Hazardous polymerization:** Will not occur.

## SECTION 11 - TOXICOLOGICAL INFORMATION

### ACUTE EFFECTS:

Inhalation Vapours at elevated temperatures will cause dizziness and drowsiness. Vapours at room temperature should be controlled through adequate (do not use in confined spaces) or mechanical ventilation.

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Skin	Contact with this product can result in mild irritations by swelling, redness and dryness of the affected area.
Eye	Contact with this product will cause redness and swelling with a burning sensation and blurred vision. Temporary eye damage is likely to result.
Ingestion	Swallowing will result in nausea, headache, central nervous system effects. Product can be aspirated to the lungs on vomiting resulting in chemical pneumonitis and long term lung damage. Small amounts of this product will cause irritation and a burning sensation in the throat, trachea and oesophagus.
Chronic Effects	Repeated or prolonged contact with this product will result in sensitization if PPE precautions are not observed.
Other health Effects Information	Persons with pre-existing skin or respiratory conditions will be sensitive to this product.
Toxicological Information	Oral LD50: No Data; consider >5g/kg. Dermal LD50; consider >5g/kg.

## SECTION 12 - ECOLOGICAL INFORMATION

### Ecotoxicity:

Fish Toxicity LC50:	This product is considered harmful to the aquatic environment.
Daphnia Magna EC50:	This product is considered harmful to insect life.
Blue-green algae:	This product is considered harmful to aquatic plant life:
Green algae:	This product is considered harmful to aquatic plant life:

PERSISTENCE & DEGRADABILITY Elements of this product are expected to persist.

MOBILITY This is likely to be mobile on release to waterways, grasslands or soils but will separate in wastewater treatment.

## SECTION 13 - DISPOSAL CONSIDERATIONS

**Disposal methods:** Empty packaging should be taken for recycling, recovery or disposal through a suitably qualified or licensed contractor. Care should be taken to ensure compliance with national and local authorities. Packaging may still contain residue that may still be harmful. Ensure that empty packaging is managed in accordance with Dangerous Goods regulations.

**Special precautions:** This product is not suitable for disposal by either landfill or via municipal sewers, drains, natural streams or rivers. This product should be treated and disposed through chemical waste treatment, or considered for use in recycling.

## SECTION 14 - TRANSPORT INFORMATION

Classification for transport by Road, Rail, Marine or Air. Un Number 1263

UN Proper Shipping Number	Pant and Paint related materials
DG Class and subsidiary risk	3
Sub.Risk	None
Packing group	111
HAZCHEM CODE	•3Y

**DANGEROUS GOODS SEGREGATION:** This product is regulated as Class 3 Dangerous Goods, packing Group 111

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## SECTION 15 - REGULATORY INFORMATION

**Country/Region:** Australia  
**Inventory:** AICS  
**Status:** Listed  
**Poisons Schedule:** 5

## SECTION 16 - OTHER INFORMATION

**Date of preparation or last revision of the MSDS** 11 December 2016

**Reasons for issue:** Upgrade to GHS SDS; amalgamated supplier and regulatory changes in all sections.

### Acronyms:

**AICS** Australian Inventory of Chemical Substances.  
**CAS number** Chemical Abstracts Service Registry Number  
**GHS:** Global Harmonised System.  
**IARC** International Agency for Research on Cancer  
**PPE** Personal Protective Equipment.  
**N/R** Non-regulated.  
**N/A** Not applicable.  
**UN Number** United Nations Number  
**Literature references** Safety data sheets from suppliers  
Hazardous Chemical Information System (HCIS) – ASCC Australia (on line)  
GHS (Globally Harmonised System of Substances Classification and Labelling)  
REACH (European Chemical Substance Information System)  
ADG Code 7<sup>th</sup> Addition  
SUSMP N° 13

THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS

OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.

**Please read all labels carefully before using product.**

This SDS is prepared in accord with the SWA document "Preparation of Safety Data Sheets for Hazardous Chemicals - Code of Practice" (December 2011)