

SAFETY DATA SHEET

Date of Issue: 4/05/2017

Issue No 3

Last revision: March 2017

File F:\msds\other\MSDS original\PrestigeSurfaceSealer - GHS.docx

1. PRODUCT IDENTIFIER & IDENTITY FOR THE CHEMICAL**Product Identifier:** PRESTIGE SURFACE SEALER**Other Means of Identification:**

Proper shipping name (ADG): RESIN SOLUTION, flammable contains (Xylene, Light Aromatic Solvent Naphtha (petroleum))

SUSMP name: Poison Schedule 6 (xylene, naphtha)

Other names or synonyms:

Product Code: D0366

Recommended use of the chemical and restrictions on use: Coatings Applications. No restrictions.**Supplier Details**

PERTH:

19 Motivation Drive
Wangara WA 6065
EMAIL: sales@environex.net.au
ABN: 371 5988 7117
FAX: (08) 9302 5000
TEL: (08) 9302 4000

ENVIROSHIELD COATINGS

BUNBURY:

18 Halifax Drive,
Bunbury WA 6230

CONTACT POINT - Chemist - TELEPHONE (08) 9302 4000

EMERGENCY TELEPHONE NUMBER: A/H +61 407 994 198 or Toll Free 1800 999 196

2. HAZARD IDENTIFICATION**Emergency overview:** Corrosive. May be harmful if swallowed. Causes eye and skin burns. May cause severe respiratory and digestive tract irritation with possible burns.**Classification of the hazardous chemical**

Classification by the ADG Code: A dangerous good.

Classification by Hazardous Chemical Information System (HCIS) (Australia):

Flam. Liq. 3 H226;

Acute Tox. 4 * H332;

Acute Tox. 4 * H314;

Eye irrit.2A, H319

Mut. 1B, H340

Carc. 1B, H350

Tox. Repr. 1b, H360

Asp. Tox. 1, H304

STOT SE1 1, H370

STOT RE1 1, H372

Aq. Tox. acute 2, H400

Aq. Tox. Chronic 2, H411

Label elements according to the National model Code of Practice for the Labelling of Workplace Hazardous Chemicals (2015)**Hazard pictograms:**

SAFETY DATA SHEET

Date of Issue: 4/05/2017

Issue No 3

Last revision: March 2017

File F:\msds\MSDS original\PrestigeSurfaceSealer - GHS.docx

Flame Health Hazard Exclamation Mark Environment

Signal word: DANGER**Hazard statements:**

H226 - Flammable liquid and vapor.

H313 - May be harmful in contact with skin.

H315 - Causes skin irritation.

H319 - Causes serious eye irritation.

H340 - May cause genetic defects.

H350 - May cause cancer.

H360 - May damage fertility or the unborn child.

H370 - Causes damage to organs. central nervous system (CNS), kidneys, liver, lungs,

H335 - May cause respiratory irritation.

H336 - May cause drowsiness and dizziness.

H372 - Causes damage to organs through prolonged or repeated exposure: respiratory tract, skin,

H411 - Toxic to aquatic life with long lasting effects

Precautionary statements:

Prevention Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wear protective gloves. Wear eye/face protection. Keep away from ignition sources such as heat/sparks/open flame. - No smoking. Use explosion-proof electrical/ventilating/lighting/material-handling equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Keep container tightly closed. Use only outdoors or in well-ventilated area. Avoid release to the environment. Do not breathe vapor. Do not eat, drink or smoke when using this product. Wash thoroughly after handling.

Response Collect spillage. **IF ON SKIN (or hair):** Remove/Take off immediately all contaminated clothing. Take off contaminated clothing and wash before re-use. Rinse skin with water/shower. Wash with plenty of soap and water. **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Wash hands after handling. **IF INHALED:** Remove to fresh air and keep at rest in a position comfortable for breathing. **IF exposed or concerned:** Call a POISON CENTER or doctor/physician. Get medical attention/advice.

Storage Store locked up. Store in cool/well-ventilated place.

Disposal Dispose of contents and container in accordance with all local, regional, national and international regulations.

Other hazards which do not result in classification**3. COMPOSITION/INFORMATION ON INGREDIENTS**

<i>Substance Name</i>	<i>Concentration, %</i>	<i>Product Identifier</i>	<i>Hazard Classes and Hazard Categories</i>
Xylene, mixture of isomers	30-60	CAS No. 1330-20-7 EC No. 215-535-7	Flam. Liq. 3 H226; Acute Tox. 4 * H332; Acute Tox. 4 * H312; Skin Irrit. 2 H315
Ethylbenzene	1 - <20	CAS No. 100-41-4 EC No. 202-849-4 Index No: 601-023-00-4	Flam. Liq.2, H225 Acute tox.4, H332 Eye irrit.2A, H319 Skin irrit. 2, H315

SAFETY DATA SHEET

Date of Issue: 4/05/2017

Issue No 3

Last revision: March 2017

File F:\msdsoter\MSDS original\PrestigeSurfaceSealer - GHS.docx

Light Aromatic Solvent Naphtha (petroleum)	10-<25	CAS No. 64742-95-6 EC No. 265-199-0	Carc. 1B, H350 Germ Cell Mut. 1B, H340 Asp. Tox..1, H304
--	--------	--	--

Ingredients either below cut off levels or not classified in “Implementing GHS – Annex 9”

<i>Substance Name</i>	<i>Concentration, %</i>	<i>Product Identifier</i>	<i>Hazard Classes and Hazard Categories</i>
Acrylic Resin	24	CAS No. EC No.	Not Listed

4. FIRST AID MEASURES**Description of necessary first aid measures**

Eyes: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids. Get medical aid immediately.

Skin: Immediately flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Discard contaminated clothing in a manner, which limits further exposure. Get medical aid immediately.

Ingestion: Do NOT induce vomiting. If victim is conscious and alert, give 2-4 cupfuls of water. Get medical aid immediately.

Inhalation: Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. DO NOT use mouth-to-mouth respiration. Get medical aid immediately.

Symptoms caused by exposure:

Medical Attention and Special Treatment: Treat symptomatically and supportively

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Use agent most appropriate to extinguish surrounding fire. For small fires, use water spray, dry chemical, carbon dioxide or chemical foam. Do NOT get water inside containers. For large fires, use dry chemical, carbon dioxide, alcohol-resistant foam, or water spray. Cool containers with flooding quantities of water until well after fire is out.

Specific hazards arising from the chemical

Fire: May produce toxic fumes of carbon monoxide and carbon dioxide.

Explosion: Not an explosion hazard.

Hazchem Code: ●3Y

Special protective equipment and precautions for fire fighters

Advice for firefighters: Keep containers cool with water spray. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Wear appropriate protective clothing to prevent contact with skin and eyes. Wear a self-contained breathing apparatus (SCBA) to prevent contact with thermal decomposition products. Containers may explode when heated

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures:**

Use suitable equipment (including PPE) to prevent contamination of skin, eyes and personal clothing. Remove ignition sources and provide sufficient ventilation.

Emergency procedures, Evacuate the danger area or to consult an expert. Approach from upwind.

SAFETY DATA SHEET

Date of Issue: 4/05/2017

Issue No 3

Last revision: March 2017

File F:\msds\other\MSDS original\PrestigeSurfaceSealer - GHS.docx

Isolate the area. Wear self-contained breathing apparatus in confined spaces, in cases where the oxygen level is depleted, or in case of significant emissions. Prevent further leakage or spillage if safe to do so. Keep away from incompatible products.

Environmental precautions: If the product contaminates rivers and lakes or drains inform respective authorities. Do not flush into surface water or sanitary sewer system.

General Information: Use proper personal protective equipment as indicated in Section 8.

Methods and materials for containment and cleaning up

Spills/Leaks: Clean up spills immediately, observing precautions in the Protective Equipment section. Cover with sand or absorbant material and place in a closed container for disposal. Remove all sources of ignition. Flush spill area with water. Do not get water inside containers.

7. HANDLING AND STORAGE

Precautions for safe handling: General: Eating, drinking and smoking in work areas is prohibited. Wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas. Use only in a well-ventilated area. Keep container tightly closed. Do not get on skin or in eyes. Do not ingest or inhale. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material.

Conditions for safe storage, including any incompatibilities: Store according to Australian Standards AS 1940 - The storage and handling of flammable and combustible liquids. Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Control parameters – exposure standards, biological monitoring**

HCIS Airborne Exposure Limits: Xylene: TWA 80 ppm (350mg/m³); STEL 150 ppm (655 mg/m³).

Appropriate engineering controls: Facilities storing or utilising this material should be equipped with an eyewash facility and a safety shower. Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits. Refer to protective measures listed in sections 7 and 8.

Personal protective equipment (PPE)

Respiratory protection

Advice: Use respirator with appropriate filter if vapours or aerosol are released. Recommended Filter type:A

Hand protection

Advice: Wear suitable gloves. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation. Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact). Protective gloves should be replaced at first signs of wear. Material: fluorocarbon rubber. Gloves: >= 8 h. Glove thickness: 0.4 mm

Eye protection

Advice: Tightly fitting safety goggles

Skin and bodyprotection

Advice: Wear suitable protective clothing.

SAFETY DATA SHEET

Date of Issue: 4/05/2017

Issue No 3

Last revision: March 2017

File F:\msdsotter\MSDS original\PrestigeSurfaceSealer - GHS.docx

9. PHYSICAL AND CHEMICAL PROPERTIES**Appearance:** clear, viscous liquid**Odour:** Aromatic solvent**Odour threshold:** xylene: 0.27, 1.0 ppm**pH:** not applicable**Melting point:** Not available**Initial boiling point and boiling range:** 136 - 182 °C**Flash point:** 24 °C**Evaporation rate:** Not available**Flammability (solid, gas) :** Not available**Upper/lower flammability or explosive limits:** LEL: 0.01%; UEL 7.1%**Vapour pressure:** 8 - 12 hPa @ 20 °C**Vapour density:** 0.92**Specific Gravity:** Not available**Solubility:** Immiscible**Partition coefficient: n-octanol/water:** Not available**Auto-ignition temperature:** Not available**Decomposition temperature:** Not available**Viscosity:** Dynamic- 40 - 70 mPa·s @ 25 °C**Volatiles, w/w: 75%****10. STABILITY AND REACTIVITY****Reactivity:** Will react with oxidising materials.**Chemical Stability:** Stable under normal temperatures and pressures.**Possibility of Hazardous Reactions:** Will not react or polymerise, releasing excess pressure or heat, or create other hazardous conditions.**Conditions to Avoid:** Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. Avoid exposure - obtain special instructions before use. Avoid exposure during pregnancy. Avoid release to the environment..**Incompatible materials and possible hazardous reactions:** Oxidising materials.**Hazardous Decomposition Products:** Oxides of carbon**11. TOXICOLOGICAL INFORMATION****Acute toxicity:**

Health Effects

Skin: May be harmful in contact with skin. Causes skin irritation.

Eye: Causes serious eye irritation.

Ingestion Can cause central nervous system (CNS) depression. Irritating to mouth, throat and stomach.

Inhalation: Can cause central nervous system (CNS) depression. May cause drowsiness and dizziness. May cause respiratory irritation.

Chronic: Prolonged inhalation may cause respiratory tract inflammation and lung damage. Prolonged or repeated skin contact may cause dermatitis. Prolonged or repeated eye contact may cause conjunctivitis

Respiratory or skin sensitisation: Not sensitising**Germ cell mutagenicity:** May cause genetic defects**Carcinogenicity:** May cause cancer. Risk of cancer depends on duration and level of exposure**Reproductive toxicity:** May damage the unborn child. May damage fertility

SAFETY DATA SHEET

Date of Issue: 4/05/2017

Issue No 3

Last revision: March 2017

File F:\msdsoter\MSDS original\PrestigeSurfaceSealer - GHS.docx

Specific Target Organ Toxicity (STOT) – single exposure: Not available**Specific Target Organ Toxicity (STOT) – repeated exposure:** Not available**Aspiration hazard:** Not available**Information on Possible routes of exposure:** Ingestion, Inhalation, Skin/ eye exposure.**Delayed Health Effects from Exposure:** Not available**Interactive Effects:** Not available**Mixtures of Chemicals:**

Xylene

LD50 Oral	Rat	4,300 mg/kg
LC50 Inhalation	Rat	5000 ppm/4 h
LD50 Dermal	Rabbit	> 1,700 mg/kg

Light Aromatic Solvent Naphtha (petroleum)

LD50 Oral	Rat	8,400 mg/kg
LD50 Oral	Quail	> 2,150 mg/kg

Carcinogenicity:

Xylene

ACGIH	Not classifiable as to its carcinogenicity to humans.
IARC	IARC Group 3, not classifiable as to carcinogenicity to humans
NTP	Not listed
OSHA	Not regulated
EU	Not classified

Light Aromatic Solvent Naphtha (petroleum)

ACGIH	Not classified
IARC	Not classified
NTP	Not listed
OSHA	Not regulated
EU	Not classified

12. ECOLOGICAL INFORMATION**Ecotoxicity:** This material is toxic to aquatic life with long lasting effects.

Xylene: Fish:

Species: Pimephales promelas. Exposure Time: 96 h. Value type: LC50. Value: 26.7 mg/l

Species: Leuciscus idus melanotus: Exposure Time: 48 h. Value type: LC50. Value: 86 mg/l

Toxicity to daphnia and other aquatic invertebrates.

Species: Daphnia magna. Exposure time: 24 h. Value type: EC50. Value: 165 mg/l

Persistence and degradability: Product will degrade in sewage treatment plants.**Bioaccumulative potential:** Not available**Mobility in soil:** Not available**Other adverse effects:** None known**13. DISPOSAL CONSIDERATIONS****Disposal methods:** Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to an approved waste facility. State and local disposal regulations may differ from federal disposal regulations. Neutralise to pH 6-9 before disposal**Disposal of any contaminated packaging:** Dispose of container and unused contents in accordance with federal, state and local requirements..**Effects of sewage disposal:** No data

SAFETY DATA SHEET

Date of Issue: 4/05/2017

Issue No 3

Last revision: March 2017

File F:\msds\other\MSDS original\PrestigeSurfaceSealer - GHS.docx

14. TRANSPORT INFORMATION**Australian DG Classification for Road and Rail:** UN1866; Proper Shipping Name: RESINSOLUTION, flammable (contains xylene, light aromatic solvent Naphtha; Class 3;
Packing Group III**Environmental hazards for Transport Purposes:** Not a marine pollutant**Special precautions during transport:** None**Hazchem Code:** ●3Y**15. REGULATORY INFORMATION****Safety, Health and Environmental Regulations:**

US Hazardous Substance Act B.E. 2535 (1992) None required.

Harmful Chemicals List I : Listed

Harmful Chemicals List II : Not listed

Safety, health and environmental regulations specific for the product:

No known specific national and/or regional regulations applicable to this product (including its ingredients).

International regulations

Chemical inventories Australia inventory (AICS) All components are listed or exempted.

Canada inventory All components are listed or exempted.

Europe inventory All components are listed or exempted.

Japan inventory Not determined.

China inventory (IECSC) All components are listed or exempted.

Korea inventory All components are listed or exempted.

New Zealand Inventory (NZIoC) Not determined.

Philippines inventory (PICCS) All components are listed or exempted.

United States inventory (TSCA 8b) All components are listed or exempted.

SUSMP Labelling: Poisons Schedule: S6 **FIRST AID:** For advice, contact a Poisons Information Centre (Phone Australia 131 126) or a doctor (at once). If swallowed, do NOT induce vomiting. If in eyes, wash out immediately with water. If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If inhaled, remove from contaminated area. Apply artificial respiration if not breathing. **SAFETY DIRECTIONS:** Avoid contact with eyes and skin. Avoid breathing vapour or spray mist.**16. OTHER INFORMATION****Date of preparation or review:****Key abbreviations or acronyms used:****End of SDS**