

**GEMCUTS PTY LTD**

Date of Issue 5-11-2019

**SAFETY DATA SHEET  
G-S HYPO CEMENT**

IMPORTANT NOTICE: This Safety Data Sheet (SDS) is issued by Gemcuts Pty Ltd in accordance with National Occupational Health and Safety Commission guidelines. The information contained in this document must not be added to, deleted or altered. Gemcuts Pty Ltd will issue a new SDS when there is a change in the product specifications and/or with the National Occupational Health and Safety Commission guidelines/ regulations. Gemcuts Pty Ltd will not accept any responsibility for any changes made to its SDS in content by any other person or organisation.

**CLASSIFICATION OF MATERIAL**

**This Material is Hazardous according to Safe Work Australia**

**1. IDENTIFICATION OF THE MATERIAL & SUPPLIER**

<b>Product</b>	G-S Hypo Cement
<b>Recommended Use</b>	Adhesive
<b>Supplier/Importer</b>	Gemcuts Pty Ltd
<b>ABN</b>	43 780 687 841
<b>Manufacturer</b>	G-S Supplies Inc.
<b>Address</b>	36A Smith Drive, West Ballina NSW 2478
<b>Telephone Number</b>	02 66911686
<b>Facsimile</b>	N/A
<b>Email</b>	admin@gemcuts.com.au
<b>Emergency Telephone</b>	131126 Poisons Information Centre 0427012014

## SAFETY DATA SHEET

### 2. HAZARDS IDENTIFICATION

WARNING: Flammable solid.

#### 2.1 Hazards Classification:

Eye Irritant: Cat 2B

Flammable Liquid: Cat 2

Aquatic Acute: Cat 1

Aquatic Chronic: Cat 1

Skin Irritant: Cat 2

Target Organ Systemic Toxicity (Single): Cat 3

<b>NFPA HAZARD RATING</b>	Fire: 3	Health: 1	Reactivity: 0
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**2.2 Hazard Category:** Dangerous good, Hazardous substance

#### 2.3 Hazard Phrase(s):

**H225:** Highly flammable liquid and vapour.

**H315:** Causes skin irritation.

**H335-H336:** May cause respiratory irritation. May cause drowsiness or dizziness.

**H400:** Very toxic to aquatic life.

**H410:** Very toxic to aquatic life with long lasting effects.

#### 2.4 Precautionary Phrase(s):

**P102:** Keep out of reach of children.

**P210:** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

**P261:** Avoid breathing fume.

**P302+P352:** IF ON SKIN: Wash with plenty of soap and water.

**P304+P340:** IF INHALED: Remove person to fresh air and keep comfortable for breathing.

**P370+P378:** In case of fire: Use foam, powder, or carbon dioxide for extinction.

**P403+P235:** Store in a well-ventilated place. Keep cool.

**Emergency Overview:** Always seek medical attention if unwell or irritated by the use of this product.

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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**3.1 Product Description:** Clear Liquid, aromatic smell.

**3.2 Contents**

Chemical Name	CAS Number	Proportion %
Xylene	1330-20-7	25-50
Heptane	142-82-5	25-50

### 4. FIRST AID MEASURES

**For advice, contact a Poisons Information Centre,**

**Phone (Australia) 131 126**

**Inhalation:** If inhaled, remove from area to fresh air. If required, provide artificial respiration.

Keep patient warm. Consult doctor if symptoms persist.

**Skin Contact:** Do not pull solidified product off the skin. Clean with water and soap. If skin irritation continues, consult a doctor.

**Eye Contact:** Protect unharmed eye. Remove contact lenses if worn, if possible. Rinse opened eye for several minutes under running water. Then consult a doctor.

**Ingestion:** Rinse out mouth and then drink plenty of water. Do not induce vomiting; call for medical help immediately.

**Seek immediate medical assistance if symptoms persist or in the case of over exposure.**

**Notes to Doctor:** Treat symptomatically. Symptoms can be acute and delayed.

**Most important symptoms and effects, both acute and delayed:**

**Headache, Coughing, Dizziness, Breathing difficulty, Disorientation.**

**Hazards:**

**Danger of impaired breathing. Danger of cerebral oedema. Danger of convulsion.**

**Indication of any immediate medical attention and special treatment needed If swallowed, gastric irrigation with added, activated carbon. Monitor circulation, possible shock treatment. If necessary, oxygen respiration treatment. Medical supervision for at least 48hours. Later observation for pneumonia and pulmonary oedema.**

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### 5. FIRE FIGHTING MEASURES

**5.1** Special Hazard: In case of fire, the following can be released:

Carbon monoxide (CO) Under certain fire conditions, traces of other toxic gases cannot be excluded.

**5.2** Suitable Extinguishing Media: Water haze or fog, Foam Fire-extinguishing powder, Carbon dioxide and Sand.

**5.3** Fire Fighting Advice: Fire fighters should use self-contained breathing apparatus and protective suit

### 6. ACCIDENTAL RELEASE MEASURES

**Emergency Action:** Use respiratory protective device against the effects of fumes/dust/aerosol. Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation Keep away from ignition sources. Protect from heat.

Do not allow to enter sewers/surface or groundwater.

Allow to solidify. Pick up mechanically. Send for recovery or disposal in suitable receptacles. Clean the affected area carefully; suitable cleaners are: Organic solvent

### 7. HANDLING & STORAGE

**7.1 Handling Advice:** Keep out of reach of children. Avoid contact with the eyes and skin. Use only in well ventilated areas. Keep receptacles tightly sealed. Keep away from heat and direct sunlight.

**7.2 Storage Advice:** Avoid storage near extreme heat, ignition sources or open flame. Store in cool, dry conditions in well-sealed containers.

Store away from food. Store away from oxidising agents.

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### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 Occupational Exposure Limits:

Xylene 1330-20-7 TWA 350mg/m<sup>3</sup> STEL 655mg/m<sup>3</sup>

Heptane 142-82-5 TWA 1640mg/m<sup>3</sup> STEL 2050mg/m<sup>3</sup>

**8.2 Engineering Control Measures:** Eye wash station. Local and mechanical exhaust ventilation as necessary to control any air contaminants to within their exposure limits during the use of this product.

#### 8.3 Personal Protective Equipment:

CHEMICAL RESISTANT GLOVES, CHEMICAL GOGGLES OR FACE SHIELD, APRON OR OVERALLS, ENCLOSED BOOTS, AIR RESPIRATOR

Complete personal protection from exposure of both contact and inhalation should be taken especially in prolonged contact.

### 9. PHYSICAL & CHEMICAL PROPERTIES

Physical State:	Liquid
Colour:	Clear
Odour:	Aromatic
Solubility:	Minimal, Difficult to mix
Size	Approx. 102mm x 16mm
Weight	Approx. 10g
Density	1.01
Self-Ignition Point (°C):	215°C
Flash Pot (°C)	11°C
Boiling Point (°C)	98°C

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### 10. STABILITY & REACTIVITY

**Chemical Stability:** Stable under normal conditions, use and storage.

**Conditions to Avoid:** Excessive heat and ignition source

**Hazardous Reactions:** Reacts with strong acids. Highly flammable liquid and vapour. Forms flammable gases/fumes. Reacts with oxidising agents. Can form explosive mixtures in air if heated above flash point and/or when sprayed or atomised. Reacts with peroxides and other radical forming substances.

**Incompatible Materials:** Acids and Oxidizers

### 11. TOXICOLOGY INFORMATION

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

ORAL

Xylene 1330-20-7 rat 4300mg/kg

Heptane 142-82-5 rat >5g/kg

Skin; Causes skin irritation.

Eyes; Causes eye irritation.

Inhalation; May cause respiratory irritation, drowsiness or irritation

### 12. ECOLOGICAL INFORMATION

Toxic to Aquatic life with long lasting effects

Partially bio degradable.

Do not allow product to reach ground water, watercourse or sewage system.

### 13 DISPOSAL CONSIDERATIONS

Can be disposed of in household waste once solidified. Commonwealth, State and Local laws governing disposal of material can differ. Ensure proper disposal compliance with the proper authority before disposal.

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### 14. TRANSPORT INFORMATION

Proper shipping name: Adhesives

Technical name: N/A

Hazard class: 3

UN/ID Number: 1133

Packing group: II

Limited Quantity for packages less than 30kg gross and inner packaging less than 5L each. Marine pollutants packaged in single or combination packaging containing a net quantity per single or inner packaging of 5L or less for liquids or having a net mass per single or inner packaging of 5kg or less for solids are not subject to provisions relevant to marine pollutants. (See 2.10.2.7)

### 15. REGULATORY INFORMATION

**Work Health and Safety Regulation 2017**

**Safe Work Australia HCIS**

**IMDG**

**NTC**

**ADG**

### 16. OTHER INFORMATION

This MSDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since Gemcuts Pty Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material. If clarification or further information is needed, the user should contact Gemcuts Pty Ltd at the contact details on page 1.

Gemcuts Pty Ltd responsibility for the material as sold is subject to the terms and conditions of sale, a copy of which is available upon request.