

**Section 1. Identification of the material and the supplier**

Product: **Glasscorp Anoseal**  
Product Code: FB777A  
Product Use: Sealant

New Zealand Supplier: **Glasscorp Limited**

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Glasscorp date of issue: 20 July 2015

**Section 2. Hazards Identification**

**Classified as Hazardous according to HSNO in New Zealand. Classified as a Dangerous Good according to NZS5433:2012. Transport of Dangerous Goods on Land.**

Note: This product contains both volatile (solvents) and non-volatile components. During the normal use of this product, the hazardous volatile components evaporate and dissipate. The remaining non-volatile component is not hazardous.

**Hazard Statement Precautions**      DANGER      Highly flammable liquid and vapour.  
Keep away from ignition sources such as heat, sparks and open flames.

Do not handle until safety precautions have been read and understood.

**HSNO Classifications**

- 3.1B      Highly flammable liquid and vapour
- 6.3B      Causes mild skin irritation
- 6.4A      Causes severe eye irritation
- 6.9B      May cause damage to organs through prolonged or repeated exposure

**Section 3. Composition / Information on Ingredients**

Chemical Name	CAS	Proportion
Acetone (2 Propanone)	67-64-1	Medium
Methyl Ethyl Ketone (2-Butanone)	78-93-3	Medium

Ethyl Acetate (Acetic Acid, ethyl ester)	141-78-6	Medium
Non-hazardous materials	-	To 100%

High = >60% Medium = 10% -60%

Low = 1% - 10% Very Low = < 1%

#### Section 4. First Aid Measures

If poisoning occurs, contact the National Poison Centre (New Zealand 0800 POISON or 0800 764 766).

##### First Aid

<b>Inhalation</b>	Remove person to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow person to assume most comfortable position and keep warm. Keep at rest until fully recovered. Get medical advice if breathing becomes difficult.
<b>Skin Contact</b>	Remove contaminated clothing and wash skin with warm soapy water. Do not scrub. If swelling, redness, blistering or irritation occurs, get medical assistance.
<b>Eye Contact</b>	Immediately hold open and flood with water for at least 15 minutes. Eyelids to be held open. Get medical advice
<b>Ingestion</b>	Rinse mouth with water. Get medical advice immediately. Do NOT give anything to drink. Do NOT induce vomiting because of risk of aspiration. Never give anything by the mouth to an unconscious patient. Watch for toxic effects.

**Advice to Physician** Treat symptomatically. Effects may be delayed.

#### Section 5. Fire Fighting Measures

Clear fire area of all non-emergency personnel.

<b>Type of Hazard</b>	Flammable Liquid
<b>HAZCHEM Code</b>	3[Y]E
<b>Fire Hazard Properties</b>	Unknown due to the complex nature of this material. Fumes from complete or incomplete combustion of this material may include carbon dioxide, carbon monoxide, water vapour, oxides of nitrogen or a wide variety of innocuous or toxic fumes. Solvent vapours may form explosive mixtures with air. Vapours are heavier than air and may spread along ground to sources of ignition.
<b>Extinguishing Media</b>	Water fog, foam, dry chemical, carbon dioxide
<b>Unsuitable Extinguishing Media</b>	Do not use a water jet.
<b>Precautions for Firefighters</b>	Wear full protective equipment, including self contained breathing apparatus.
<b>Additional Advice</b>	Keep adjacent containers cool by spraying with water.

#### Section 6. Accidental Release Measures

<b>Small Spills</b>	Extinguish all ignition sources. Avoid sparks, flames and heat. Avoid accidents and clean up immediately. Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours. Wipe
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up with absorbent (rag or paper towels). Collect and seal in properly labelled containers or drums for disposal or recycling.

#### Large Spills

Extinguish all ignition sources. Avoid sparks, flames, heat and the buildup of static electricity. Consider evacuation of area and/or site. Alert Emergency Services if required. Slippery when spilt. Avoid accidents and clean up immediately. Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours by wearing appropriate respirator. Contain spill to prevent run off into drains and waterways. Use absorbent (rags, soil, sand, or other inert material). Collect using spark-free shovels (ie. plastic) and seal in properly labelled containers or drums for disposal or recycling. See Disposal section of this SDS for further details.

### Section 7. Handling and Storage

#### Handling

Avoid breathing of or contact with material. Use only in well ventilated areas. Keep away from heat, sparks, open flames and any other sources of ignition. Static electricity must be avoided. Wear the appropriate personal protection equipment as specified in this SDS to prevent eye and skin contact. Wash thoroughly after handling.

#### Storage

Store in a cool, dry, well ventilated place and out of direct sunlight. Keep away from heat, sparks, open flames and any other sources of ignition. Static electricity must be avoided. Store away from any incompatible materials as defined in Section 10 of this SDS. Keep containers closed when not in use. Check regularly for leaks. For unit sizes of 20 litres or more, store according to HSNO.

### Section 8 Exposure Controls / Personal Protection

#### Workplace Exposure Guidelines

Substance	WES-TWA	WES-STEL
Acetone (2 Propanone)	500 ppm	1000 ppm
Methyl Ethyl Ketone (2-Butanone)	150 ppm	300 ppm
Ethyl Acetate (Acetic Acid, ethyl ester)	200 ppm	-

#### Engineering Controls

Use in a well ventilated area only. Vapour is heavier than air. Prevent concentration in hollows or sumps. Do NOT enter confined spaces where vapour may have collected. Keep containers in a well ventilated area. Explosion proof general and local exhaust ventilation system is required.

### Section 9 Physical and Chemical Properties

Appearance	Silver paste
Odour	Ketone
Flash Point <sub>oc</sub>	-17
Boiling Point <sub>oc</sub>	56 – 80

<b>Lower &amp; Upper Flammability Limits %</b>	2 – 12
<b>Auto-ignition Temperature °C</b>	460
<b>Percent Volatile by weight</b>	55
<b>Specific Gravity</b>	1.0
<b>Solubility in Water</b>	Medium

High = >60% Medium = 10% - 60%

Low = 1% - 10% Very Low = < 1%

## Section 10. Stability and Reactivity

<b>Stability of Substance</b>	This material is stable when stored and used as directed.
<b>Conditions to Avoid</b>	Avoid heat, sparks, flames and any other sources of ignition.
<b>Incompatible Materials</b>	Strong oxidising agents.
<b>Hazardous Decomposition Products</b>	Thermal decomposition is highly dependant on conditions. A complex mixture of airborne solids, liquids and gases, including carbon monoxide, carbon dioxide and other organic compounds will be evolved when this material undergoes combustion or thermal or oxidative degradation.
<b>Hazardous Reactions</b>	Will react with strong oxidising agents.

## Section 11 Toxicological Information

Information given in this Safety Data Sheet is based on the data on the components and the toxicology of similar products.

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

<b>Acute Oral Toxicity</b>	Not toxic, however swallowing can result in nausea and vomiting.
<b>Acute Dermal Toxicity</b>	Not toxic.
<b>Acute Inhalation Toxicity</b>	Not toxic, however product may be an irritant to mucous membranes and respiratory tract.
<b>Skin Irritation</b>	Expected to cause skin irritation.
<b>Eye Irritation</b>	Expected to cause eye irritation.
<b>Sensitisation (Respiratory &amp; Contact)</b>	Not expected to be a sensitiser.
<b>Carcinogenicity</b>	Not expected to be carcinogenic.
<b>Reproductive / Toxicity</b>	Not expected to cause damage to fertility or the unborn <b>Developmental</b> child.
<b>Mutagenicity</b>	Not expected to be mutagenic.

<b>Target Organ Systemic</b>	May cause damage to organs (state all organs affected, if known) through prolonged or repeated exposure (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).
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## Section 12. Ecotoxicological Information

<b>Acute Toxicity Aquatic</b>	Not harmful to aquatic life.
<b>Soil</b>	Not ecotoxic in the soil environment.
<b>Terrestrial Vertebrate</b>	Not ecotoxic to terrestrial vertebrates.
<b>Terrestrial Invertebrate</b>	Not ecotoxic to terrestrial invertebrates.
<b>Persistence &amp; Degradability</b>	The solvent in this product is readily biodegradable. The remainder of the product is expected to biodegrade slowly.
<b>Bioaccumulation</b>	No data available for the product, however Acetone does not significantly bioaccumulate.
<b>Mobility</b>	Partially miscible with water. Similar density to water.

## Section 13. Disposal Considerations

<b>Material Disposal</b>	Do not dispose of down drains or into local waterways. Recycle or recover whenever possible. Dispose of substance to a hazardous or special waste collection point or through a licensed contractor. Normally suitable for incineration by an approved agent.
<b>Container Disposal</b>	Recycle if possible, or dispose of to a hazardous or special waste collection point. Beware: Empty flammable liquid drums present an explosion hazard if cut by flame or welding torch. Ensure drums are thoroughly cleaned and ventilated.
<b>Local Legislation</b>	Disposal should be in accordance with Hazardous Substances (Disposal) Regulations 2001, and with any other applicable regional and national laws and regulations.

## Section 14 Transport Information

### Land Transport (NZS 5433:2012 Transport of Dangerous Goods on Land)

<b>UN Number</b>	1133
<b>Proper Shipping Name</b>	ADHESIVES containing flammable liquid
<b>DG Class</b>	3
<b>Subsidiary Risk</b>	Not applicable
<b>Packing Group</b>	II
<b>HAZCHEM Code</b>	3[Y]E

### Marine Transport (IMDG)

<b>Identification Number</b>	1133
<b>Proper Shipping Name</b>	ADHESIVES containing flammable liquid
<b>Class / Division</b>	3
<b>Packing Group</b>	II

<b>Marine Pollutant</b>	No
<b>Air Transport (IATA)</b>	
<b>UN Number</b>	1133
<b>Proper Shipping Name</b>	ADHESIVES containing flammable liquid
<b>Class / Division</b>	3
<b>Packing Group</b>	II

## Section 15 Regulatory Information

The regulatory information is not intended to be comprehensive. Other regulations may apply to this material.

**Environmental Risk Management Authority (ERMA) Group Standard Number:** Surface Coatings and Colourants (Flammable) Group Standard 2006  
HSR002667

### Hazardous Substances and New Organisms Act (HSNO):

The following are trigger quantities for this substance by itself in a place.

<b>Approved Handler Test Certificate</b>	250 litres, when in containers > 5 litres 500 litres, when in containers ≤ 5 litres
<b>Tracking</b>	Not applicable

## Section 16 Other Information

1. Hazardous Substances Data Bank (HSDB), a database of the National Library of Medicine's TOXNET system (<http://toxnet.nlm.nih.gov>).
2. HSNO Approved Code of Practice: Preparation of Safety Data Sheets, September 2006.

### Disclaimer

This document has been issued by Glasscorp Limited and serves as the product Safety Data Sheet ('SDS'). It is based on information concerning the product which has been provided to Glasscorp Limited by the Manufacturer and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer. While Glasscorp Limited have taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, Glasscorp Limited accept no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS

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Please contact Glasscorp Limited, if further information is required.

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