



## SAFETY DATA SHEET

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product name: Tool-Co Grouting Liquid

Product Use Description: Binding product

Supplier: Unit 6, Pennisi Park  
Jig Avenue  
Montague Gardens  
Cape town

For non-emergency information contact: 021 552 8566  
Emergency telephone number: 021 552 8566

### 2. HAZARDS IDENTIFICATION

This product is not hazardous according to EEC Directive 67/548/EEC and 99/45/EC including amendments (2001/60/EC and 2006/8/EC)

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

This product is a preparation.

Component	CAS-No.	EINECS-No	Concentration	Classification
Alcohols, C12-14-secondary, Ethoxylated	84133-50-6		1,0 -< 2,5%	Xi R36

#### 4. FIRST AID MEASURES

**Inhalation:** Move to fresh air.

**Skin contact:** Wash with water and soap as a precaution. If skin irritation persists, call a physician.

**Eye contact:** Rinse with plenty of water. If eye irritation persists, consult a specialist.

**Ingestion:** Drink 1 or 2 glasses of water. Consult a physician if necessary. Never give anything by mouth to an unconscious person.

#### 5. FIREFIGHTING MEASURES

**Thermal decomposition:** Thermal decomposition may yield acrylic monomers.

**Suitable extinguishing media:** Use extinguishing media appropriate for surrounding fire.

**Specific hazards during firefighting:** Material can splatter above 100C/212F. Dried product can burn.

**Special protective equipment for fire-fighters:** Wear self-contained breathing apparatus and protective suit.

#### 6. ACCIDENTAL RELEASE MEASURES

##### **Personal precautions**

Use personal protective equipment.

Keep people away from and upwind of spill/leak.

Material can create slippery conditions.

##### **Environmental precautions**

CAUTION: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

##### **Methods for cleaning up**

Contain spills immediately with inert materials (e.g. sand, earth).

Transfer liquids and solid diking material to separate suitable containers for recovery or disposal.

## 7. HANDLING AND STORAGE

### Handling

Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Keep container tightly closed. Do not breathe vapours, mist or gas.

**Further information on storage conditions:** Keep from freezing- product stability may be affected.  
STIR WELL BEFORE USE.

### Storage

**Storage temperature:** 1 – 49.C

**Other data:** Monomer vapours can be evolved when material is heated during processing operations.

See SECTION 8, for types of ventilation required.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure limit(s)

Exposure limits are listed below, if they exist.

### Exposure Control

**Eye protection:** Safety glasses with side-shields. Eye protection worn must be compatible with reparatory protection system employed.

**Hand protection:** The glove(s) listed below may provide protection against permeation. (Gloves of other chemically resistant materials may not provide adequate protection): Neoprene gloves.

**Respiratory protection:** Use certified respiratory protection equipment meeting EU requirements(89/656/EEC), or equivalent, when respiratory risks cannot be avoided or sufficiently limited by technical means of collective protection or by measures, methods or procedures of work organization.

**Protective measures:** Facilities storing or utilizing this material should be equipped with an eyewash facility.

**Engineering measures:** Use only in area provided with appropriate exhaust ventilation.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state</b>	liquid
<b>Colour</b>	white milky
<b>pH</b>	9,5 – 10,5
<b>Flash point</b>	Non-combustible
<b>Vapour pressure</b>	17,0 mmHg at 20 C Water
<b>Vapour Pressure</b>	2 266,4808 Pa at 20 C Water
<b>Relative density</b>	1,03 – 1,08
<b>Percent volatility</b>	75 – 80% Water

NOTE: The physical data presented above are typical values and should not be construed as a specification.

## 10. STABILITY AND REACTIVITY

**Hazardous reactions** None known Stable

**Material to avoid** There are no known materials which are incompatible with this product.

**Polymerisation** Product will not undergo polymerization.

## 11. TOXICOLOGICAL INFORMATION

No data are available for this material. The information shown is based on profiles of compositionally similar materials.

<b>Acute oral toxicity</b>	LD50 rat > 5 000 mg/kg
<b>Acute dermal toxicity</b>	LD50 rabbit > 5 000 mg/kg
<b>Skin irritation</b>	Rabbit May cause transient irritation.
<b>Eye irritation</b>	Rabbit No eye irritation

## 12. ECOLOGICAL INFORMATION

There is no data available for this product.

### 13. DISPOSAL CONSIDERATIONS

**Environmental precautions:** CAUTION: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

#### **Disposal**

Coagulate the emulsion by the stepwise addition of ferric chloride and lime. Remove the clear supernatant and flush to a chemical sewer. For disposal, incinerate or landfill at a permitted facility in accordance with local, state, and federal regulations.

**European Waste** The definitive assignment of this material to the appropriate EWC group and thus its EWC

**Catalogue** code will depend on the use that is made of this material. Contact waste disposal services. (2000/532/EC)

### 14. TRANSPORT INFORMATION

#### **Classification for ROAD and Retail transport (ADR/RID):**

Not regulated (Not dangerous for transport)

#### **Classifications for SEA transport (IMO-IMDG):**

Not regulated (Not dangerous for transport)

#### **Classifications for AIR transport (IATA/ICAO):**

Not regulated (Not dangerous for transport)

Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulation.

### 15. REGULATORY INFORMATION

#### **Label**

Classification and labelling have been performed according to EU directives 67/548/EEC and 99/45/EC including amendments (2001/60/EC and 2006/8/EC).

#### **Hazards symbol and indication of danger**

This product is not hazardous according to EEC Directives 67/548/EEC and 99/45/EC including amendments (2001/60/EC)

Safety datasheet available on request for professional users.

**U S. Toxic Substances Control Act (TSCA):** All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

## 16. OTHER INFORMATION

### Full text of the R-phrases given in Section 3

R36 Irritating to eyes.

#### Legend

Bac	Butyl acetate
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
STEL	Short Term Exposure Limit (STEL)
TLV	Threshold Limit Value
TWA	Time Weighted Average (TWA)
I	Bar denotes a revision from prior MSDS.

This information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in text.