



# Concrete Adhesive

## SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	Concrete Adhesive
<b>Other Means of Identification</b>	N/A
<b>Product Family</b>	Adhesives & Mortars
<b>Recommended Use</b>	For use as a bonding agent between new and existing concrete and masonry surfaces.
<b>Restrictions on Use</b>	None known.
<b>Manufacturer/Supplier Identifier</b>	R&D Technical Solutions Ltd., 7000 Davand Drive, Mississauga, ON, L5T 1J5, 905-795-9900, www.rdsolutions.ca
<b>Emergency Phone No.</b>	CANUTEC, 1-613-996-6666, 24 HR

## SECTION 2. HAZARD IDENTIFICATION

### Classification

Not classified under any hazard class.

### Label Elements

Not applicable

### Other Hazards

Not applicable.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

### Notes

All ingredients of this mixture are either NOT CLASSIFIED in any category of a health hazard class, or are present below the concentration limits at which the mixture would be classified as hazardous.

## SECTION 4. FIRST-AID MEASURES

### First-aid Measures

#### Inhalation

Get medical advice or attention if you feel unwell or are concerned.

#### Skin Contact

Wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 5 minutes. Get medical advice or attention if you feel unwell or are concerned. Clean clothing, shoes and leather goods.

#### Eye Contact

Rinse the contaminated eye(s) with lukewarm, gently flowing water for 5 minutes, while holding the eyelid(s) open. Remove contact lenses, if present, after the initial 1-2 minutes and continue flushing for several additional minutes. If eye irritation persists, get medical advice or attention.

#### Ingestion

Rinse mouth with water. Get medical advice or attention if you feel unwell or are concerned.

### Most Important Symptoms and Effects, Acute and Delayed

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None known.

### **Immediate Medical Attention and Special Treatment**

#### **Target Organs**

This product is unlikely to target specific organs. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

#### **Special Instructions**

Not applicable.

#### **Medical Conditions Aggravated by Exposure**

None known.

## **SECTION 5. FIRE-FIGHTING MEASURES**

### **Extinguishing Media**

#### **Suitable Extinguishing Media**

Not combustible. Use extinguishing agent suitable for surrounding fire.

#### **Unsuitable Extinguishing Media**

Do not use direct water stream - may cause fire to spread.

### **Specific Hazards Arising from the Product**

This product presents no unusual hazards in a fire situation.

### **Special Protective Equipment and Precautions for Fire-fighters**

No special precautions are necessary.

Fire-fighters may enter the area if positive pressure SCBA and full Bunker Gear is worn.

## **SECTION 6. ACCIDENTAL RELEASE MEASURES**

### **Personal Precautions, Protective Equipment, and Emergency Procedures**

No special precautions are necessary.

### **Environmental Precautions**

It is good practice to prevent releases into the environment.

### **Methods and Materials for Containment and Cleaning Up**

Cover the spill surface with the appropriate type of foam to reduce the release of vapour. Warm soapy water or non-flammable solvent may be used to clean residual or spill areas.

## **SECTION 7. HANDLING AND STORAGE**

### **Precautions for Safe Handling**

No special handling precautions are necessary.

### **Conditions for Safe Storage**

No special requirements for storage area.

## **SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **Control Parameters**

Not available.

Contains no substances with occupational exposure limit values.

### **Appropriate Engineering Controls**

The hazard potential of this product is relatively low. General ventilation is usually adequate.

### **Individual Protection Measures**

#### **Eye/Face Protection**

Not required but it is good practice to wear safety glasses or chemical safety goggles.

#### **Skin Protection**

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Not required, if used as directed. For best hygiene practices, safety goggles and gloves should be worn.

#### **Respiratory Protection**

Not normally required if product is used as directed.

## **SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

### **Basic Physical and Chemical Properties**

<b>Appearance</b>	Milky off-white - white liquid. Particle Size: Not available
<b>Odour</b>	faint
<b>Odour Threshold</b>	Not available
<b>pH</b>	Neutral
<b>Melting Point/Freezing Point</b>	Not available (melting); ~ 0 °C (32 °F) (freezing)
<b>Initial Boiling Point/Range</b>	<= 100 °C (212 °F)
<b>Flash Point</b>	Not available
<b>Evaporation Rate</b>	Not available
<b>Flammability (solid, gas)</b>	Will not burn.
<b>Upper/Lower Flammability or Explosive Limit</b>	Not applicable (upper); Not applicable (lower)
<b>Vapour Pressure</b>	Not available
<b>Vapour Density (air = 1)</b>	Not available
<b>Relative Density (water = 1)</b>	1.030
<b>Solubility</b>	Soluble in water; Not available (in other liquids)
<b>Partition Coefficient, n-Octanol/Water (Log Kow)</b>	Not available
<b>Auto-ignition Temperature</b>	Not available
<b>Decomposition Temperature</b>	Not available
<b>Viscosity</b>	Not available (kinematic); Not available (dynamic)
<b>Other Information</b>	
<b>Physical State</b>	Liquid
<b>Molecular Formula</b>	Not available
<b>Molecular Weight</b>	Not available
<b>Bulk Density</b>	Not available
<b>Surface Tension</b>	Not available
<b>Critical Temperature</b>	Not available
<b>Electrical Conductivity</b>	Not available
<b>Vapour Pressure at 50 deg C</b>	Not available
<b>Saturated Vapour Concentration</b>	Not available
<b>VOC</b>	<5 g/l - water

## **SECTION 10. STABILITY AND REACTIVITY**

### **Reactivity**

None known.

### **Chemical Stability**

Normally stable.

### **Possibility of Hazardous Reactions**

None expected under normal conditions of storage and use.

### **Conditions to Avoid**

High temperatures. Freezing. Temperatures below 0.0 °C (32.0 °F)

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**Incompatible Materials**

None known.

**Hazardous Decomposition Products**

Can include, but not limited to: very toxic carbon monoxide, carbon dioxide.

**SECTION 11. TOXICOLOGICAL INFORMATION****Likely Routes of Exposure**

Skin contact; eye contact; ingestion.

**Acute Toxicity**

LC50: Not applicable.

LD50 (oral): Not applicable.

LD50 (dermal): Not applicable.

**Skin Corrosion/Irritation**

May cause very mild irritation based on information for closely related chemicals.

**Serious Eye Damage/Irritation**

May cause very mild irritation based on information for closely related chemicals.

**STOT (Specific Target Organ Toxicity) - Single Exposure****Inhalation**

No information was located.

**Skin Absorption**

Prolonged skin contact is unlikely to result in absorption of harmful amounts.

**Ingestion**

Very low toxicity if swallowed. Harmful effects not anticipated from swallowing small amounts.

**Aspiration Hazard**

Based on available data, the classification criteria are not met.

**STOT (Specific Target Organ Toxicity) - Repeated Exposure**

Based on available data, the classification criteria are not met.

**Respiratory and/or Skin Sensitization**

Based on available data, the classification criteria are not met.

**Carcinogenicity**

Not known to cause cancer.

**Reproductive Toxicity****Development of Offspring**

Not known to harm the unborn child.

**Sexual Function and Fertility**

Not known to cause effects on sexual function or fertility.

**Effects on or via Lactation**

Not known to cause effects on or via lactation.

**Germ Cell Mutagenicity**

Not known to be a mutagen.

**Interactive Effects**

No information was located.

**SECTION 12. ECOLOGICAL INFORMATION**

This product has not been tested.

**Ecotoxicity**

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This product is not expected to present an environmental hazard.

**Persistence and Degradability**

No information was located.

**Bioaccumulative Potential**

No information was located.

**Mobility in Soil**

No information was located.

**Other Adverse Effects**

There is no information available.

**SECTION 13. DISPOSAL CONSIDERATIONS**

**Disposal Methods**

This product is a non-hazardous waste. The required hazard evaluation of the waste and compliance with the applicable hazardous waste laws are the responsibility of the user.

**SECTION 14. TRANSPORT INFORMATION**

Not regulated under Canadian TDG regulations. Not regulated under US DOT Regulations. Not regulated under IATA Regulations.

**Special Precautions** Not applicable

**Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

**SECTION 15. REGULATORY INFORMATION**

**Safety, Health and Environmental Regulations**

**Canada**

**Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)**

All ingredients are listed on the DSL or are not required to be listed.

**USA**

**Toxic Substances Control Act (TSCA) Section 8(b)**

All ingredients are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.

**SECTION 16. OTHER INFORMATION**

**SDS Prepared By** Compliance & Documentation Coordinator

**Phone No.** 905-795-9900

**Date of Preparation** June 01, 2017

**Date of Last Revision** June 01, 2017

**Revision Indicators** Not applicable.

**Key to Abbreviations** ACGIH® = American Conference of Governmental Industrial Hygienists  
IARC = International Agency for Research on Cancer  
NIOSH = National Institute for Occupational Safety and Health  
NTP = National Toxicology Program  
OSHA = US Occupational Safety and Health Administration

**References** CHEMINFO database. Canadian Centre for Occupational Health and Safety (CCOHS).  
Registry of Toxic Effects of Chemical Substances (RTECS®) database. Accelrys, Inc. Available from Canadian Centre for Occupational Health and Safety (CCOHS).

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