



## Insulating Grout, Part A

### SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	Insulating Grout, Part A
<b>Other Means of Identification</b>	Urethane Elastomer
<b>Product Family</b>	Hydroxyl terminated polyol
<b>Recommended Use</b>	Mixed with another component to form a corrosion-resistant insulating grout.
<b>Restrictions on Use</b>	None known.
<b>Manufacturer/Supplier Identifier</b>	The Stebbins Engineering and Manufacturing Company, 363 Eastern Boulevard, Watertown, NY, 13601, (315) 782-3000, <a href="http://www.stebbinseng.com">www.stebbinseng.com</a>
<b>Emergency Phone No.</b>	Chemtrec - Within North America, 1-800-424-9300, 24 hours Stebbins 24 Hour Contact-, 1-315-788-6624
<b>SDS No.</b>	121

### SECTION 2. HAZARD IDENTIFICATION

#### Classification

Skin irritation - Category 2; Eye irritation - Category 2B

#### Label Elements



Signal Word:  
Warning

#### Hazard Statement(s):

H315 Causes skin irritation.

H320 Causes eye irritation.

#### Precautionary Statement(s):

P264 Wash hands and skin thoroughly after handling.

P280 Wear protective gloves.

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

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P332 + P313 If skin irritation occurs: Get medical advice/attention.

P337 + P313 If eye irritation persists: Get medical advice/attention.

P362 + P364 Take off contaminated clothing and wash it before reuse.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Polybutadiene	9003-17-2	65 - 85 %	None	Polyol
soda-lime borosilicate glass	65997-17-3	15 - 35 %	None	Fibrous glass
Silica 2482, hydrophobic	7631-86-9	1 - 5 %	None	Synthetic amorphous silica

### Notes

The silica in this product is not in respirable form if the product is used as intended. The silica in this product is thus not expected to present the normal respiratory hazards associated with silica.

Caution! May cause irritation.

The toxicological properties of this material have not been fully investigated. Target Organs: None.

Potential Health Effects:

Eye: May cause eye irritation.

Skin: May cause skin irritation.

Ingestion: The toxicological properties of this substance have not been fully investigated.

Inhalation: May cause respiratory tract irritation. The toxicological properties of this substance have not been fully investigated.

Cutting and grinding of the polymerized product will produce respirable dust.

Personal protective equipment (PPE), proper work practices, and engineering controls will reduce exposure to respirable dust.

Respirable dust is created while cutting and grinding the polymerized product will produce respirable dust.

## SECTION 4. FIRST-AID MEASURES

### First-aid Measures

#### Inhalation

Move to fresh air.

If breathing is difficult, trained personnel should administer emergency oxygen if advised to do so by Poison Centre or doctor.

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

#### Skin Contact

Avoid direct contact. Wear chemical protective clothing if necessary. Clean clothing, shoes and leather goods.

Wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 5 minutes.

#### Eye Contact

Remove contact lenses, if present and easy to do. Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open.

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

If on skin: causes mild irritation.

If in eyes: may cause moderate to severe irritation.

Product Identifier: Insulating Grout, Part A - Ver. 4

Date of Preparation: November 03, 2015

Date of Last Revision: June 30, 2023

SDS No.: 121

Page 02 of 10

## Immediate Medical Attention and Special Treatment

### Target Organs

Skin, eyes, respiratory system.

### Special Instructions

Respiratory and skin reactions may occur when mixing with hardener.

### Medical Conditions Aggravated by Exposure

Asthma, respiratory conditions, skin allergies.

## SECTION 5. FIRE-FIGHTING MEASURES

### Extinguishing Media

#### Suitable Extinguishing Media

Carbon dioxide, dry chemical powder, appropriate foam, water spray or fog.

#### Unsuitable Extinguishing Media

Use of heavy stream of water may spread fire.

### Specific Hazards Arising from the Product

Can ignite if strongly heated.

Heat from fire can generate flammable vapour. When mixed with air and exposed to ignition source, can burn in open air or explode if confined.

Explosion hazard : Not expected to be an explosion hazard under normal conditions of use.

In a fire, the following hazardous materials may be generated:

very toxic carbon monoxide, carbon dioxide. Hydrocarbons.

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

Firefighting instructions :

Fight fire from safe distance and protected location. Avoid direct personal contact with liquid even after fire is out to prevent potentially serious burns. Use water spray or fog for cooling exposed containers. Apply aqueous extinguishing media carefully to prevent frothing/steam explosion. Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries. Prevent fire-fighting water from entering environment.

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Complete protective clothing. Self-contained breathing apparatus.

Other information: Fires are typically very smokey.

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

Do not touch damaged containers or spilled product unless wearing appropriate protective equipment. Use the personal protective equipment recommended in Section 8 of this safety data sheet.

### Environmental Precautions

It is good practice to prevent releases into the environment.

### Methods and Materials for Containment and Cleaning Up

Collect using shovel/scoop or approved HEPA vacuum and place in a suitable container for disposal.

Methods for cleaning up : Wash away residue with large amounts of water. Gather the product and place it in a spare container that has been suitably labeled.

### Other Information

Report spills to local health, safety and environmental authorities, as required.

Product Identifier: Insulating Grout, Part A - Ver. 4

SDS No.: 121

Date of Preparation: November 03, 2015

Date of Last Revision: June 30, 2023

Page 03 of 10

## SECTION 7. HANDLING AND STORAGE

### Precautions for Safe Handling

Prevent skin contact.

Do not get in eyes.

Avoid generating dusts.

### Conditions for Safe Storage

Store in an area that is: cool, dry, well-ventilated.

Storage temperature : 50 ° F (10 °C) - 100 ° F (38 °C)

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

	ACGIH TLV®		OSHA PEL		AIHA WEEL	
Chemical Name	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
Silica 2482, hydrophobic	3 mg/m <sup>3</sup> (E)		5 mg/m <sup>3</sup> (E)			

TLV (soda lime borosilicate glass): TWA (as dust): 10 mg/m<sup>3</sup>

However, the soda lime borosilicate glass in this product is not in a respirable state, as airborne respirable particles are not generated during normal application procedures and therefore do not present a respiratory hazard.

The limit for Silica is as follows, but as this product is a paste, and the silica is thus not expected to be respirable in normal use of the product. If the cured product is cut, ground, sanded, or otherwise worked in a fashion that generates dust, appropriate PPE should be worn and this limit should be observed.

The OSHA TLV for respirable silica is 0.1 mg/m<sup>3</sup>

Hand protection : Impermeable protective gloves. Do not use natural rubber gloves. Product used with solvents : wear thick (> 0.5 mm) nitrile gloves. Replace gloves immediately when torn or any change in appearance (dimension, colour, flexibility, etc.) is noticed.

Skin and body protection : Wear suitable protective clothing

Cutting and grinding of the polymerized product will produce respirable dust.

Eye protection : Safety glasses with side shields.

Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment.

Consult local authorities for provincial or state exposure limits.

### Appropriate Engineering Controls

General ventilation is usually adequate.

In a confined space: use local exhaust ventilation and enclosure, if necessary, to control amount in the air.

### Individual Protection Measures

#### Eye/Face Protection

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

#### Skin Protection

No PPE is required for handling this product. However, the hardener associated with this product does require PPE.

Please consult the SDS for Insulating Grout, Part B before use.

Product Identifier: Insulating Grout, Part A - Ver. 4

SDS No.: 121

Date of Preparation: November 03, 2015

Date of Last Revision: June 30, 2023

Page 04 of 10

Wear resistant gloves (consult your safety equipment supplier). Discard gloves that show tears, pinholes, or signs of wear. Suitable materials are butyl rubber, natural rubber, neoprene rubber, nitrile rubber, polyethylene, polyvinyl, alcohol, Viton®, polyvinyl chloride, cloth, and leather.

Hygiene measures wash hands before breaks and at the end of a workday. When using do not eat or drink. When using do not smoke.

#### Respiratory Protection

No PPE is required for handling this product. However, the hardener associated with the product does require PPE.

Please consult the SDS for Insulating Grout, Part B before use.

When mixing, in case of inadequate ventilation, wear a NIOSH approved particulate respirator equipped with an N95, R95, or P95 filter.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

Appearance	White paste. Particle Size: Not applicable
pH	Not available
Melting Point/Freezing Point	Not available (melting); Not available (freezing)
Boiling point/Initial boiling point	> 500 °F (260 °C)
Flash Point	> 300 °F (149 °C) (open cup)
Evaporation Rate	Not applicable
Flammability (solid, gas)	Not applicable
Upper/Lower Flammability or Explosive Limit	Not available (upper); Not available (lower)
Vapour Pressure	Not applicable
Vapour Density (air = 1)	Not applicable
Relative Density (water = 1)	0.58
Solubility	Practically insoluble in water; Not available (in other liquids)
Partition Coefficient, n-Octanol/Water (Log Kow)	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Viscosity	Not available (kinematic); Not available (dynamic)
Other Information	
Physical State	Solid
Bulk Density	36.2 lb/ft3 (579.9 kg/m3)

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive.

Product is stable under normal conditions.

### Chemical Stability

Normally stable.

Unstable under certain conditions - see Conditions to Avoid.

### Possibility of Hazardous Reactions

Product Identifier: Insulating Grout, Part A - Ver. 4  
Date of Preparation: November 03, 2015  
Date of Last Revision: June 30, 2023

SDS No.: 121

Page 05 of 10

None expected under normal conditions of storage and use.

#### Conditions to Avoid

Open flames, sparks, static discharge, heat and other ignition sources. Freezing.

#### Incompatible Materials

Strong oxidizing agents. Strong reducing agents. Strong acids. Free radical initiators/peroxides.

Not corrosive to metals.

#### Hazardous Decomposition Products

Flammable chemicals; very toxic carbon monoxide, carbon dioxide.

## SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity (oral): Not classified

Acute toxicity (dermal): Not classified

Acute toxicity (inhalation): Not classified.

#### Likely Routes of Exposure

Skin contact; eye contact; ingestion. if dust is generated by cutting, sanding, or grinding: inhalation.

#### Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Polybutadiene		> 34600 mg/kg (rat)	
Silica 2482, hydrophobic		>= 5000 mg/kg (rat) (dust)	>= 2000 mg/kg (rabbit)

#### Skin Corrosion/Irritation

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

Not classified

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

Practically non-irritating  
(rabbit).

#### Serious Eye Damage/Irritation

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

Not classified

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

Slight eye irritant (rabbit).

#### STOT (Specific Target Organ Toxicity) - Single Exposure

##### Inhalation

This product is not an inhalation hazard.

Respiratory sensitization: Not classified based on available information.

Not classified

Based on available data, the classification criteria are not met.  
Does not cause cutaneous sensitization for guinea-pigs.

##### Skin Absorption

Not harmful based on information for closely related materials.

##### Ingestion

Product Identifier: Insulating Grout, Part A - Ver. 4

Date of Preparation: November 03, 2015

Date of Last Revision: June 30, 2023

SDS No.: 121

Page 06 of 10

This product is not an ingestion hazard.

#### Aspiration Hazard

Not known to be an aspiration hazard.

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

Not harmful based on information for closely related chemicals.

#### Respiratory and/or Skin Sensitization

Not known to be a respiratory sensitizer.

Not known to be a skin sensitizer.

#### Carcinogenicity

Chemical Name	IARC	ACGIH®	NTP	OSHA
Polybutadiene	Not Listed	Not Listed	Not Listed	Not Listed
Silica 2482, hydrophobic	Group 3			

Not a carcinogen.

This product contains silica, which is a known carcinogen when inhaled. However, the silica in this product is not in respirable size, and thus is not expected to present any inhalation hazards.

This product contains titanium dioxide, which some agencies consider a possible carcinogen when inhaled. However, the titanium dioxide in this product is not in respirable form, and thus is not expected to present any such inhalation hazards.

When cutting or grinding the polymerized product, respirable dust will be created and PPE should be used.

#### Key to Abbreviations

ACGIH® = American Conference of Governmental Industrial Hygienists.

IARC = International Agency for Research on Cancer. Group 3 = Not classifiable as to its carcinogenicity to humans.

NTP = National Toxicology Program.

OSHA = US Occupational Safety and Health Administration.

#### 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

Not hazardous to the environment.

#### Ecotoxicity

Not classified based on available information.

##### Acute Aquatic Toxicity

Chemical Name	LC50 Fish	EC50 Crustacea	ErC50 Aquatic Plants	ErC50 Algae
Silica 2482, hydrophobic	> 10,000 mg/L (96-hour)			

Product Identifier: Insulating Grout, Part A - Ver. 4

SDS No.: 121

Date of Preparation: November 03, 2015

Date of Last Revision: June 30, 2023

Page 07 of 10

**Persistence and Degradability**

No information was located.

**Bioaccumulative Potential**

This product and its degradation products are not known to bioaccumulate.

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

**Mobility in Soil**

No information was located.

**Other Adverse Effects**

There is no information available.

**SECTION 13. DISPOSAL CONSIDERATIONS****Disposal Methods**

Bury in a licensed landfill or burn in an approved incinerator according to federal, provincial/state, and local regulations.

Contact local environmental authorities for approved disposal or recycling methods in your jurisdiction.

Fully polymerized material is considered toxicologically and ecologically inert and should be disposed of properly.

**SECTION 14. TRANSPORT INFORMATION**

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

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
US DOT		Non-Regulated		
IMO (Marine)		Non-Regulated		
IATA (Air)		Non-Regulated		
Canadian TDG		Non-Regulated		

**Environmental Hazards** Not applicable

**Special Precautions** Not applicable

**Transport in Bulk according to International Maritime Organization Instruments**

Not applicable

**Emergency Response** 171  
**Guide No.**

**SECTION 15. REGULATORY INFORMATION****Safety, Health and Environmental Regulations**

HMIS classifications:

Health 1

Flammability 1

Physical Hazard 1

0 = not significant, 1 =Slight,  
2 = Moderate, 3 = High  
4 = Extreme, \* = Chronic

Personal protection-Customer responsible for PPE code for this material.

Product Identifier: Insulating Grout, Part A - Ver. 4

SDS No.: 121

Date of Preparation: November 03, 2015

Date of Last Revision: June 30, 2023

Page 08 of 10



## Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all of the information required by the Controlled Products Regulations.

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

All ingredients are listed on the DSL/NDSL.

### **CEPA - National Pollutant Release Inventory (NPRI)**

Not specifically listed.

### **Additional Canadian Regulatory Lists**

WHMIS Classification This product is not regulated according to WHMIS 2015 classification criteria

## USA

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

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

### **Additional USA Regulatory Lists**

Australia: This material is listed or exempted.

Canada: This material is listed or exempted.

China: This material is listed or exempted.

Europe: This material is listed or exempted.

Japan inventory (ENCS): This material is listed or exempted.

Japan inventory (ISHL): This material is listed or exempted.

New Zealand: This material is listed or exempted.

Philippines: This material is listed or exempted.

Republic of Korea: This material is listed or exempted.

Taiwan: This material is listed or exempted.

Turkey: This material is listed or exempted.

United States: This material is listed or exempted.

CERCLA: This material does not contain any components with a section 304 EHS RQ.

SARA Title III - Section 302: This material does not contain any components with a section 302 EHS TPQ.

SARA Title III - Section 311/312: Not listed.

SARA Title III - Section 313: No chemicals are reportable under Section 313.

### **Clean Air Act:**

This material does not contain any hazardous air pollutants.

This material does not contain any Class 1 Ozone depleters.

This material does not contain any Class 2 Ozone depleters.

### **Clean Water Act:**

None of the chemicals in this product are listed as Hazardous Substances under the CWA.

None of the chemicals in this product are listed as Priority Pollutants under the CWA.

None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

### **OSHA:**

None of the chemicals in this product are considered highly hazardous by OSHA.

### **STATE**

CAS# 9003-17-2 is not present on state lists from CA, PA, MN, MA, FL, or NJ.

### **California Proposition 65:**

WARNING: This product can expose you to chemicals, which are known to the State of California to cause cancer.

---

Product Identifier: Insulating Grout, Part A - Ver. 4

SDS No.: 121

Date of Preparation: November 03, 2015

Date of Last Revision: June 30, 2023

Page 09 of 10

Respirable dust is created while cutting and grinding the polymerized product will produce respirable dust.

(respirable size) C.A.S.# 65997-17-3. (soda-lime borosilicate glass)

C.A.S.# 7631-86-9. (Silica 2482, hydrophobic)

## SECTION 16. OTHER INFORMATION

<b>NFPA Rating</b>	<b>Health - 1</b>	<b>Flammability - 1</b>	<b>Instability - 0</b>
<b>SDS Prepared By</b>	B.E.R		
<b>Phone No.</b>	(315) 782-3000		
<b>Date of Preparation</b>	November 03, 2015		
<b>Date of Last Revision</b>	June 30, 2023		
<b>Revision Indicators</b>	Revision 4 Updated: . Toxicological, Ecological, and Exposure Controls/Personal Protection Information		

<b>Key to Abbreviations</b>	C.A.S.# SECTION 15. REGULATORY INFORMATION reviewed and approved ACGIH® = American Conference of Governmental Industrial Hygienists HSDB® = Hazardous Substances Data Bank IARC = International Agency for Research on Cancer NFPA = National Fire Protection Association NIOSH = National Institute for Occupational Safety and Health NTP = National Toxicology Program OSHA = US Occupational Safety and Health Administration RTECS® = Registry of Toxic Effects of Chemical Substances
<b>References</b>	CHEMINFO database. Canadian Centre for Occupational Health and Safety (CCOHS). HSDB® database. US National Library of Medicine. Available from Canadian Centre for Occupational Health and Safety (CCOHS). NIOSH Pocket Guide database. National Institute for Occupational Safety and Health. Available from Canadian Centre for Occupational Health and Safety (CCOHS). Registry of Toxic Effects of Chemical Substances (RTECS®) database. Dassault Systèmes/BIOVIA ("BIOVIA"). Available from Canadian Centre for Occupational Health and Safety (CCOHS).
<b>Disclaimer</b>	NOTE: The information contained herein is, to the best of our knowledge, accurate and reliable. However, no warranty is expressed or implied regarding the accuracy of this information, or the results to be obtained from the use thereof.

Product Identifier: Insulating Grout, Part A - Ver. 4

SDS No.: 121

Date of Preparation: November 03, 2015

Date of Last Revision: June 30, 2023

Page 10 of 10