



# SAFETY DATA SHEET

Date of Issue: March 26, 2015

## SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: ARMOR GROUT POLYOL  
Manufactured For: Concrete Polishing Solutions  
P.O. Box 520  
Norris, TN 37828  
General Information: (877) 472-8200  
**24 HR Emergency Phones**  
Poison Control Center (Medical) : (877) 800-5553  
CHEMTREC (US Transportation) : (800) 424-9300

## SECTION 2: HAZARD IDENTIFICATION

### GHS CLASSIFICATIONS

Health:  
Aspiration Hazard, Category 1  
Eye Irritation, Category 2

Physical:  
Flammable Liquids, Category 4

### GHS LABEL



Health hazard



Exclamation mark

SIGNAL WORD: DANGER

### HAZARD STATEMENTS

H227: Combustible liquid.  
H304: May be fatal if swallowed and enters airways.  
H319: Causes serious eye irritation.

### PRECAUTIONARY STATEMENT(S)

Prevention:  
P210: Keep away from heat, sparks, open flames and hot surfaces. – No smoking.  
P264: Wash hands thoroughly after handling.  
P280: Wear protective gloves, protective clothing, eye protection and face protection.

Response:  
P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or physician.  
P331: Do NOT induce vomiting.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313: If eye irritation persists: Get medical attention.

## SECTION 3: COMPOSITION AND INFORMATION ON INGREDIENTS

Chemical Name	Wt. %	CAS#
Stoddard solvent	<= 15	8052-41-3
Lithium Silicate	<= 10	102-60-3

## SECTION 4: FIRST AID MEASURES

**EYES:** Immediately flush eyes with water for at least 10 minutes. Remove contact lenses, if present. Obtain medical attention if irritation persists.

**SKIN:** Immediately flush skin with water. Remove contaminated clothing and shoes. Obtain medical attention if irritation persists.

**INGESTION:** Do not induce vomiting. Give one or two glasses of water to drink. Never give anything by mouth to an unconscious person. Obtain medical attention.

**INHALATION:** Move person to fresh air. If breathing is difficult, obtain medical attention.

## SECTION 5: FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Water spray, foam, dry chemical or carbon dioxide.

**HAZARDOUS COMBUSTION PRODUCTS:** Carbon oxides and various hydrocarbons.

**EXPLOSION HAZARDS:** Containers can build up pressure if exposed to heat or fire.

**FIRE FIGHTING PROCEDURES:** Do not use direct water stream. Use water spray to cool fire-exposed containers.

**FIRE FIGHTING EQUIPMENT:** Exposed firefighters must wear NIOSH-approved positive pressure self-contained breathing apparatus with full-face mask and full protective clothing.

**SENSITIVE TO STATIC DISCHARGE:** Product can accumulate static charges which can cause an electrical spark.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Isolate the area and prevent entry of unnecessary and unprotected personnel. Eliminate all ignition sources. Do not walk through or otherwise scatter spilled product. Ventilate the area. Absorb with dry chemical absorbent, earth, sand or any other non-combustible inert material. Do not use combustible materials such as sawdust. Place in a chemical waste container.

**LARGE SPILL:** Isolate the area and prevent entry of unnecessary and unprotected personnel. Eliminate all ignition sources. Do not walk through or otherwise scatter spilled product. Ventilate the area. Prevent entry into waterways, sewers, basements or confined areas. Create a dike or trench to contain product. Absorb with dry chemical absorbent, earth, sand or any other noncombustible inert material. Do not use combustible materials such as sawdust. Place in a chemical waste container.

**SPECIAL PROTECTIVE EQUIPMENT:** Wear protective equipment listed in Section 8.

## SECTION 7: HANDLING AND STORAGE

**HANDLING :** Do not get in eyes, on skin or on clothing. Wash hands before eating, drinking or smoking. Do not breathe vapors or mists. Use only with adequate ventilation. Keep container closed when not in use. Do not reseal if contaminated. Keep away from heat and flame.

**STORAGE:** Store in a cool, dry and well-ventilated area away from heat or sources of ignition.

**STORAGE TEMPERATURE:** 4.4°C (40°F) Minimum to 37.8°C (100°F) Maximum

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

### EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)					
	EXPOSURE LIMITS				
	OSHA PEL		ACGIH TLV		
Chemical Name	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	
Stoddard solvent	TWA	500	2900	100	572

**ENGINEERING CONTROLS:** Local exhaust ventilation used in combination with general ventilation as necessary to control air contaminants.

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Wear a face shield and chemical safety glasses or goggles.

**SKIN:** Wear impervious gloves. Cover exposed skin.

**RESPIRATORY:** For airborne exposure above the permissible exposure limit(s), wear a NIOSH approved air-purifying respirator equipped with organic vapor cartridges. For situations where the atmospheric levels may exceed the level for which an air purifying respirator is effective, use a positive-pressure air-supplying respirator

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** Black liquid.

**FLASH POINT AND METHOD:** > 60.6°C (141°F) Closed cup.

**AUTOIGNITION TEMPERATURE:** Not established.

**VAPOR DENSITY:** Heavier than air.

**BOILING POINT:** Not established.

**FREEZING POINT:** Not established.

**SOLUBILITY IN WATER:** Slight.

**SPECIFIC GRAVITY:** 0.98 (water = 1) at 23.3°C (74°F)

## SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable.

POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: High temperatures, moisture and ignition sources.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon oxides and various hydrocarbons.

INCOMPATIBLE MATERIALS: Strong acids, strong bases and strong oxidizers.

## SECTION 11: TOXICOLOGICAL INFORMATION

### ACUTE

Chemical Name	ORAL LD <sub>50</sub> (rat)	DERMAL LD <sub>50</sub> (rabbit)
Stoddard solvent	> 5000 mg/kg	> 3000 mg/kg
Hydroxy terminated poly(oxyalkylated) polyol	3280 mg/kg	> 2000 mg/kg

### CARCINOGENICITY

IARC: Not regulated as a carcinogen.

NTP: Not regulated as a carcinogen.

OSHA: Not regulated as a carcinogen.

## SECTION 12: ECOLOGICAL INFORMATION

COMMENTS: No data.

## SECTION 13: DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose in accordance with local, state, provincial or national regulations.

EMPTY CONTAINER: Product residue is retained. Do not pressurize, cut, weld, braze, solder, drill, grind or expose container to heat, flame, sparks, static electricity or any other sources of ignition.

RCRA/EPA WASTE INFORMATION: If discarded in its purchased form, this material is not a RCRA hazardous waste.

GENERAL COMMENTS: The generation of waste should be avoided or minimized whenever possible. Chemical waste, even small quantities should never be poured into drains, sewers or waterways.

## SECTION 14: TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not regulated unless shipped in bulk.

AIR (ICAO/IATA)

SHIPPING NAME: Not regulated.

VESSEL (IMO /IMDG)

SHIPPING NAME: Not regulated.

## SECTION 15: REGULATORY INFORMATION

### UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: Acute.

313 REPORTABLE INGREDIENTS: None.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: None.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA REGULATORY: All components are in TSCA inventory.

RCRA STATUS: If discarded in its purchased form, this material is not a RCRA hazardous waste.

## SECTION 16: OTHER INFORMATION

PREPARED BY: L. Priest

COMMENTS:

ACGIH	American Conference of Governmental Industrial Hygienists
CAS	Chemical Abstracts Service
EC <sub>50</sub>	Median effective concentration
EINECS	European Inventory of Existing Commercial Chemical Substances
GHS	Globally Harmonized System of Classification and Labeling of Chemicals
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
LC <sub>50</sub>	Lethal concentration to 50% of exposed laboratory animals
LD <sub>50</sub>	Lethal dose to 50% of exposed laboratory animals
TWA	Time-weighted average
TLV	Threshold limit value
NIOSH	US National Institute of Occupational Safety and Health
NE	Not established
NTP	US National Toxicology Program
OEL	Occupational exposure limit
OSHA	US Occupational Safety Health Administration
PEL	Permissible exposure limit
RQ	Reportable quantity
STEL	Short term exposure limit

\* *Shelf Life: 1 Year in sealed , unopened container*

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