

1**PRODUCT AND COMPANY IDENTIFICATION****Manufacturer**

Demand Products
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Product Name: POLY-SPRAY™
Revision Date: 1/14/2015
Version: 1
SDS Number:
Common Name: POLY-SPRAY™ B SIDE
Product Use: Brushable Plastic Encapsulant

2**HAZARDS IDENTIFICATION****GHS-US Classification**

Not classified.

GHS-US Labelling

No labelling applicable.

Other Hazards

No additional information available.

Unknown acute toxicity (GHS-US)

80% of the mixture consists of ingredients(s) of unknown acute toxicity.

3**COMPOSITION / INFORMATION ON INGREDIENTS****Substance**

Not applicable.

Mixture

Name	Product Identifier	%	GHS-US Classification
Limestone	(CAS No) 1317-65-3	30 - 60	Not Classified
Zeolite	(CAS No) 1318-02-1	1 - 5	Not Classified

* The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.

4**FIRST AID MEASURES****Description of First Aid Measures****First-aid measures after inhalation**

If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

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First-aid measures after skin contact	If irritation occurs, flush skin with plenty of water. Get medical attention if irritation persists.
First-aid measures after eye contact	In case of contact, immediately flush eyes with plenty of water. Remove contact lenses, if worn. If irritation persists, get medical attention.
First-aid measures after ingestion	If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms/injuries after inhalation	May cause respiratory tract irritation.
Symptoms/injuries after skin contact	May cause skin irritation. Symptoms may include redness, edema, drying, defatting and cracking of the skin.
Symptoms/injuries after eye contact	May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.
Symptoms/injuries after ingestion	May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

Indication of Any Immediate Medical Attention and Special Treatment Needed

Symptoms may not appear immediately. In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

5**FIRE FIGHTING MEASURES****Extinguishing Media**

Suitable extinguishing media	Treat for surrounding material.
Unsuitable extinguishing media	None known.

Special Hazards Arising from the Substance or Mixture

Fire hazard	Products of combustion may include, and are not limited to: oxides of carbon.
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Advice for Firefighters

Protection during firefighting	Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).
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6**ACCIDENTAL RELEASE MEASURES****Personal Precautions, Protective Equipment and Emergency Procedures**

General measures	Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.
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Methods and Materials for Containment and Cleaning Up

For containment	Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).
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Methods for cleaning up	Scoop up material and place in a disposal container. Provide ventilation.
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Reference to Other Sections

See section 8 for further information on protective clothing and equipment and section 13 for advice on waste disposal.

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HANDLING AND STORAGE

Precautions for Safe Handling

Precautions for safe handling Avoid contact with skin and eyes. Do not breathe vapour or mist. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke.

Hygiene measures Launder contaminated clothing before reuse. Wash hands before eating, drinking or smoking.

Conditions for Safe Storage, Including any Incompatibilities

Storage conditions Keep out of the reach of children. Keep container tightly closed.

Specific End Use(s) Not Available

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EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters

Zeolite (1318-02-1)		
USA ACGIH	ACGIH TWA (mg/m ³)	10 mg/m ³
USA OSHA	OSHA PEL (TWA) (mg/m ³)	15 mg/m ³

Exposure Controls

Appropriate engineering controls Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.

Personal protective equipment Avoid all unnecessary exposure.

Hand protection Wear chemically resistant protective gloves.

Eye protection Wear eye protection.

Skin and body protection Wear suitable protective clothing.

Respiratory protection In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Environmental exposure controls Maintain levels below Community environmental protection thresholds.

Other information Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking. Handle according to established industrial hygiene and safety practices.

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PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical state Liquid
Appearance Viscous liquid
Color Various
Odor Slightly sweet
Odor threshold No data available
pH No data available
Relative evaporation rate (butylacetate=1) No data available
Melting point No data available

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Melting point	No data available
Freezing point	No data available
Boiling point	No data available
Flash point	> 93 °C (> 200 °F)
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Flammability (solid, gas)	Not flammable
Vapor pressure	No data available
Relative vapor density at 20 °C	No data available
Relative density	1.41 g/cm ³
Solubility	No data available
Log Pow	No data available
Log Kow	No data available
Viscosity, kinematic	No data available
Viscosity, dynamic	25000 - 45000 cP
Explosive properties	No data available
Oxidising properties	No data available
Explosive limits	No data available

Other Information

No additional information available.

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STABILITY AND REACTIVITY

Reactivity	No dangerous reaction known under conditions of normal use.
Chemical Stability	Stable under normal storage conditions.
Possibility of Hazardous Reactions	No dangerous reaction known under conditions of normal use.
Conditions to Avoid	Heat. Incompatible materials.
Incompatible Materials	None known.
Hazardous Decomposition Products	May include, and are not limited to: oxides of carbon.

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TOXICOLOGICAL INFORMATION

Acute Toxicity **Not Classified**

Poly-Spray™ B side	
LD50 oral rat	> 2000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat	No data available

Zeolite (1318-02-1)	
LD50 oral rat	5000 g/kg
LD50 dermal rabbit	>2000 mg/kg

Skin corrosion/irritation	Based on available data, the classification criteria are not met.
Serious eye damage/irritation	Based on available data, the classification criteria are not met.
Respiratory or skin sensitization	Based on available data, the classification criteria are not met.
Germ cell mutagenicity	Based on available data, the classification criteria are not met.
Carcinogenicity	Based on available data, the classification criteria are not met.

Zeolite (1318-02-1)	
IARC group	3 - Not Classifiable

Reproductive toxicity	Based on available data, the classification criteria are not met.
Specific target organ toxicity (single exposure)	Based on available data, the classification criteria are not met.
Specific target organ toxicity (repeated exposure)	Based on available data, the classification criteria are not met.
Aspiration hazard	Based on available data, the classification criteria are not met.
Symptoms/injuries after inhalation	May cause respiratory tract irritation.
Symptoms/injuries after skin contact	May cause skin irritation. Symptoms may include redness, edema, drying, defatting and cracking of the skin.
Symptoms/injuries after eye contact	May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.
Symptoms/injuries after ingestion	May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

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ECOLOGICAL INFORMATION

Toxicity	
Ecology - general	May cause long-term adverse effects in the aquatic environment.
Persistence and Degradability	
Poly-SprayTM B side	
Persistence and degradability	Not established.
Bioaccumulative Potential	
Poly-SprayTM B side	
Bioaccumulative potential	Not established.
Mobility in Soil	
No additional information available.	
Other Adverse Effects	
Effect on ozone layer	No additional information available
Effect on the global warming	No known ecological damage caused by this product.

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DISPOSAL CONSIDERATIONS

Waste Treatment Methods	
Waste Disposal Recommendations	This material must be disposed of in accordance with all local, state, provincial, and federal regulations. The generation of waste should be avoided or minimized wherever possible.

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TRANSPORT INFORMATION

In accordance with DOT	
UN Number	
Not regulated for transport	
UN Proper Shipping Name	
Not applicable	

Additional Information

Other information No supplementary information available.
Special transport precautions Do not handle until all safety precautions have been read and understood.

15 REGULATORY INFORMATION

US Federal Regulations

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

Zeolite	Cas No 1318-02-1
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US State Regulations

Poly-SprayTM B side	
State or local regulations	This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

16 OTHER INFORMATION

Indication of Changes	None
Date of Issue	01/14/2015
Other Information	None

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