

**1**

**PRODUCT AND COMPANY IDENTIFICATION**

**Manufacturer**

Demand Products  
1055 Nine North Drive  
Alpharetta, GA 30004

**Phone:** 770-772-7448  
**Web:** www.demandproducts.com

**Product Name:** Ureshell™ Part B ISO  
**Revision Date:** 1/29/2015  
**Version:** 1  
**Common Name:** UreShell™  
**Product Use:** Brushable Plastic Encapsulant

**2**

**HAZARDS IDENTIFICATION**

**GHS-US Classification**

Not Classified

**GHS-US Labeling**

Not Classified

**Other Hazards**

Not additional information available

**Unknown Acute Toxicity**

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

**3**

**COMPOSITION / INFORMATION ON INGREDIENTS**

**Ingredients:**

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**

**Inhalation:** If inhaled and 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.

**Skin Contact:** If irritation occurs, flush skin with plenty of water. Get medical attention if irritation persists.

**Eye Contact:** In case of contact, immediately flush eyes with plenty of water. Remove contact lenses, if worn. If irritation persists, get medical attention.

**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**

- Inhalation:** May cause respiratory tract irritation.
- Skin Contact:** May cause skin irritation. Symptoms may include redness, edema, drying, defatting and cracking of the skin.
- Eye Contact:** May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.
- 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.
- Advice for firefighters**
- Protection during firefighting** Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

**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.

**Methods and material 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).
- Methods for cleaning up** Scoop up material and place in a disposal container. Provide ventilation.

**Reference to other sections**

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

**7****HANDLING AND STORAGE**

- Precautions for safe handling** Avoid contact with skin and eyes. Avoid breathing 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.

**8**

**EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Control parameters**

**Zeolite (1318-02-1)**

USA ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
USA OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	15 mg/m <sup>3</sup>

**Exposure controls**

<b>Appropriate engineering controls</b>	Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.
<b>Hand protection</b>	Wear chemically resistant protective gloves.
<b>Eye protection</b>	Wear eye protection.
<b>Skin and body protection</b>	Wear suitable protective clothing.
<b>Respiratory protection</b>	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.
<b>Environmental exposure controls</b>	Maintain levels below Community environmental protection thresholds.
<b>Other information</b>	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.

**9**

**PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

<b>Physical state</b>	: Liquid.
<b>Appearance</b>	: Viscous liquid.
<b>Color</b>	: Various.
<b>Odor</b>	: Slightly sweet.
<b>Odor threshold</b>	: No data available.
<b>pH</b>	: No data available.
<b>Relative evaporation rate (butylacetate=1)</b>	: No data available.
<b>Melting point</b>	: No data available.
<b>Freezing point</b>	: No data available.
<b>Boiling point</b>	: No data available.
<b>Flash point</b>	: > 93 °C (> 200 °F)
<b>Auto-ignition temperature</b>	: No data available.
<b>Decomposition temperature</b>	: No data available.
<b>Flammability (solid, gas)</b>	: Not flammable.
<b>Vapor pressure</b>	: No data available.
<b>Relative vapor density at 20 °C</b>	: No data available.
<b>Relative density</b>	: 1.41 g/cm <sup>3</sup>
<b>Solubility</b>	: No data available.
<b>Log Pow</b>	: No data available.
<b>Log Kow</b>	: No data available.
<b>Viscosity, kinematic</b>	: No data available.
<b>Viscosity, dynamic</b>	: 25000 - 45000 cP
<b>Explosive properties</b>	: No data available.
<b>Oxidising properties</b>	: No data available.
<b>Explosive limits</b>	: No data available.

**Other Information**

No additional information available.

**10**

**PHYSICAL AND CHEMICAL PROPERTIES**

<b>Reactivity</b>	No dangerous reaction known under conditions of normal use.
<b>Chemical stability</b>	Stable under normal storage conditions.
<b>Possibility of hazardous reactions</b>	No dangerous reaction known under conditions of normal use.
<b>Conditions to avoid</b>	Heat. Incompatible materials.
<b>Incompatible materials</b>	None known.
<b>Hazardous decomposition products</b>	May include, and are not limited to: oxides of carbon.

**11**

**TOXICOLOGICAL INFORMATION**

**Information on toxicological effects**

Acute toxicity Not classified

**UreShell ISO 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 mg/kg
LD50 dermal rabbit	> 2000 mg/kg

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

**Zeolite (1318-02-1)**

IARC group 3 - Not classifiable

<b>Reproductive toxicity</b>	Based on available data, the classification criteria are not met.
<b>Specific target organ toxicity (single exposure)</b>	Based on available data, the classification criteria are not met.
<b>Specific target organ toxicity (repeated exposure)</b>	Based on available data, the classification criteria are not met.
<b>Aspiration hazard</b>	Based on available data, the classification criteria are not met.

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

**12**

**ECOLOGICAL INFORMATION**

**Toxicity**

Ecology - general May cause long-term adverse effects in the aquatic environment.

**Persistence and degradability**

**VFI-2519 B side**

Persistence and degradability Not established.

**Bioaccumulative potential**

**VFI-2519 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.

**13**

**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.

**14**

**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

**US State regulations**

**VFI-2519 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.

***Disclaimer:** We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for the user's own particular use.*

DEMAND PRODUCTS, INC.:  
THE INFORMATION AND TECHNICAL ADVICE PROVIDED HEREIN ARE BELIEVED TO BE RELIABLE AND ACCURATE TO THE BEST KNOWLEDGE OF DEMAND PRODUCTS, INC., AS BASED ON TESTS AND SHOULD SERVE ONLY AS A RECOMMENDATION. AS THE MANUFACTURER, DEMAND PRODUCTS, INC MAKES NO REPRESENTATIONS OR WARRANTIES OF ANY KIND, EXPRESSED, IMPLIED OR STATUTORY, INCLUDING BUT NOT LIMITED TO ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR USE OR A PARTICULAR PURPOSE FOR THE PRODUCT. DEMAND PRODUCTS, INC MAKES NO REPRESENTATIONS OR WARRANTIES AS TO THE RESULTS OF THE USE OF THE PRODUCT AND ASSUMES NO OBLIGATION OR LIABILITY IN CONNECTION THEREWITH. DEMAND PRODUCTS, INC. IS NOT LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY SORT FROM USE OF THIS PRODUCT. THE INFORMATION PROVIDED HEREIN IS SUBJECT TO CHANGE AT ANY TIME WITHOUT NOTICE. INFORMATION CHANGES MAY INCLUDE, BUT ARE NOT LIMITED TO, COMMERCIAL AND TECHNICAL CHANGES, CHANGES IN PRICING, PHYSICAL CHARACTERISTICS AND PACKAGING.