



# Anti-Scale SAFETY DATA SHEET

Crystal Quest® Manufacturing  
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## 1. General Information

Name	CAS #	Weight %
Ceramic	Not hazardous	10
Modified Acrylic Polymer	Not hazardous	90

## 2. Hazards Identification

### Primary Routes of Exposure:

Eye Contact, Skin Contact

### Eye Contact:

Material can cause the following: None

### Skin Contact:

Material can cause the following: None

## 3. First Aid Measures

### Eye Contact:

Flush eyes with water until particle is removed

## 4. Fire Fighting Measures

Flash Point	N/A
Auto-ignition Temperature	840° F (440° C) Estimate
Lower Explosive Limit	N/A
Upper Explosive Limit	N/A

### Extinguishing Agents:

Use the following extinguishing media when fighting fires involving this material: CO<sub>2</sub>, dry chemical, water spray

**Personal Protective Equipment:**

Wear self-contained breathing apparatus (pressure-demand MSHA/NIOSH approved or equivalent) and full protective gear.

## 5. Accidental Release Measures

**Personal Protection:**

None

**Procedures:**

Floor may be slippery; use care to avoid falling. Transfer spilled material to suitable containers for recovery or disposal.

## 6. Storage

**Storage Conditions:**

Avoid repeated freeze-thaw cycles; beads may fracture. If frozen, thaw at room temperature.

## 7. Control Measures/Personal Protection

**Exposure Limit Information**

Component	Melstream Ind.		OSHA		ACGIH	
	TWA	STEL	TWA	STEL	TWA	STEL
Ceramic	None	None	None	None	None	None
Acrylic Polymer	None	None	None	None	None	None

**Respiratory Protection:**

A respiratory protection program meeting OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use. None required under normal operating conditions.

**Eye Protection:**

None

**Hand Protection:**

None

**Engineering Controls (Ventilation):**

The ventilation system employed is dependent on the user's specific application of this material. Refer to the current edition of Industrial Ventilation: A manual of Recommended Practice published by the American Conference of Governmental Hygienists for information on the design, installation, use and maintenance of exhaust systems. None required under normal circumstances.

**Other Protective Equipment:**

None

## 8. Physical and Chemical Properties

<b>Color:</b>	pale yellow
<b>State:</b>	beads
<b>pH:</b>	6.5 to 8
<b>Viscosity:</b>	N/A
<b>Water Solubility:</b>	Insoluble

## 9. Stability and Reactivity

### **Instability:**

This material is considered stable under specific conditions of storage, shipment and/or use. Avoid temperatures above 190° C (374° F)

### **Hazardous Decomposition Products:**

None

### **Hazardous Polymerization:**

Product will not undergo polymerization

### **Incompatibility:**

Avoid contact with strong oxidizing agents, particularly concentrated nitric acid.

## 10. Toxicological Information

### **Acute Data:**

**Oral LD50-rat:** >5000 mg/kg

**Dermal LD50-rabbit:** >5000 mg/kg

### **Mutagenicity Data:**

**Ames mutagenicity:** Non-mutagenic

## 11. Ecological Information

No Applicable Data

## 12. Disposal Considerations

### **Procedure:**

Unused media may be incinerated or landfilled in facilities meeting local, state and federal regulations. For contaminated media, the user must determine the hazard and use an appropriate disposal method.

## 13. Transport Information:

### **US DOT Hazard Class:**

Non-regulated

## 14. Regulatory Information

### **Workplace Classification:**

This product is considered non-hazardous under the OSHA Hazard Communication Standard (29CFR 1910.1200). This product is not a "controlled product" under the Canadian Workplace Hazardous materials Information System (WHIMS)

### **SARA Title 3:**

Section 311/312 Categorizations (40CFR 370) This product is not a hazardous chemical under 29CFR 1910.1200, therefore is not covered by Title III of SARA

### **SARA Title 3:**

Section 313 Information (40CFR 372): This product does not contain a chemical which is listed in Section 313at or above de minimis concentrations.

**CERCLA Information (40 CFR 302.4):**

Release of this material to air, land or water is not reportable to the National Response Center under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) or to state and local emergency planning committees under the Superfund Amendments and Reauthorization Act (SARA) Title III Section 304.

**Waste Classification:**

When a decision is made to discard this material as supplied, it does not meet RCRA's characteristic definition of ignitability, corrosivity or reactivity, and is not listed in 40 CFR 261.33. The toxicity characteristics (TC) however, have not been evaluated by the Toxicity Characteristics leaching Procedure (TCLP).

**United States:**

All components of this product are produced in compliance with the requirements of the U.S. Toxic Substances Act (TSCA) and are either listed on or are exempt from listing in the inventory. For certain polymeric substances, the Polymer Exemption cited at 40 CFR 723.250 may apply.

**15. Other Information**

Hazard Rating	Scale
Toxicity	0
Fire	1
Reactivity	0
Special	-

4=Extreme 3=High 2=Moderate 1=Slight 0=Insignificant

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