

# MATERIAL SAFETY DATA SHEET

Company Name: Superior Stone Products, Inc.  
**Product Name:** Superior Stone Restore  
Issue Date: 05/18/05  
Revision Date: 01/04/07  
MSDS Number: SUP-96100



## Section I – Chemical Product and Company Identification

Product Identifier: Superior Stone Restore

MANUFACTURER:  
Superior Stone Products, Inc.  
8580 Byron Commerce Drive  
Byron Center, MI 49315  
616-583-0171

**24 Hour Emergency Telephone Number:  
CHEMTREC 800-424-9300**

## Section II – Composition/Information on Ingredients

If present, IARC, NTP and OSHA carcinogens and chemicals subject to the reporting requirements of SARA title III Section 313 may be identified in this Section.

<u>Ingredient</u>	<u>CAS#</u>	<u>% (By Weight)</u>
Urea Hydrochloride	506-89-8	0-50%

### OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)

	EXPOSURE LIMITS	
	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Urea Hydrochloride	None Established	None Established

## Section III – Hazards Identification

**May aggravate preexisting eye, skin or respiratory tract conditions upon contact.**

**Ingestion:** May be harmful if swallowed or inhaled. Irritation to the mouth, throat, and stomach.

**Skin:** Contact causes skin irritation.

**Inhalation:** Vapors are irritation to the eye, nose, throat, and lungs.

**Eye:** Can cause severe eye irritation.

### HMIS Rating:

Health:	2
Flammability:	0
Reactivity:	2
Personal Protection Index:	X

## Section IV – First Aid Measures

**If Swallowed:** For larger amounts, do NOT induce vomiting, but give one or two glasses of water to drink and seek immediate medical attention. Never give anything by mouth to an unconscious person.

**Skin Contact:** In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Seek medical attention if irritation develops or persists.

**If Inhaled:** Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Seek immediate medical attention.

**Eyes:** Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Seek immediate medical attention.

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## Section V - Fire Fighting Measures

Flash Point: NA  
Auto Ignition: NA  
UEL: NA  
LEL: NA

**Hazardous Products of Combustion:** Combustion may produce hydrogen gas, a highly flammable gas.

**Extinguishing Agents:** Water, carbon dioxide foam or dry powder.

**Special Fire Fighting Procedures:** As in any fire, wear self contained breathing apparatus pressure-demand NIOSH/MSHA approve (or equivalent) and full protective gear. Avoid breathing smoke, fumes and decomposition products.

**Unusual Fire And Explosion Hazards:** At temperatures above 140°F, reaction with metals may release hydrogen, a highly flammable gas.

## Section VI - Accidental Release Measures

**Procedure For Cleanup:** Wear appropriate personal protective equipment. Avoid breathing vapor. Ventilate spill area. Absorb spill with inert material. Treat or dispose of waste material in accordance with all local, state/provincial, and federal requirements. Flush spill area with water.

## Section VII - Handling and Storage

Avoid breathing vapor or mist. Avoid contact with eyes. Do not get on skin and clothing. Follow all MSDS/label precautions even after container is emptied because they may retain product residue. Eliminate all source of ignition - heat, sparks, flame, electricity, friction and impact. Keep container closed to avoid contamination. Store in cool dry area. Metal contact may release Hydrogen gas which is flammable.

## Section VIII - Exposure Controls/Personal Protection

**Respiratory Protection:** If engineering controls do not maintain airborne concentrations below recommended exposure limits, a NIOSH/MSHA approved (or equivalent) must be used.

**Ventilation:** Use only with adequate ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

**Skin Protection:** Nitrile, neoprene, or natural rubber gloves. Wear protective gloves to minimize skin contamination.

**Eye Protection:** Wear safety glasses with side shields (or goggles) and a face shield.

## Section IX – Physical and Chemical Properties

**Form:** Liquid

**Appearance:** Clear/colorless to pale yellow

**Odor:** Characteristic

**Specific Gravity:** 1.140 (water = 1)

**Solubility in Water:** Soluble

## Section X - Stability and Reactivity

**Stability:** Stable

**Incompatibility (materials to avoid):** Avoid contact with strong alkali, oxidizing agents and reducing agents. Avoid contact with metals.

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**Hazardous Decomposition or Combustion:** Thermal decomposition may produce hydrogen gas which is flammable and explosive. Burning may produce oxides of carbon, nitrogen and chlorine. Hydrogen gas may be released upon contact with metals.

## Section XI - Toxicological Information

No information is available.

## Section XII - Ecological Information

No information is available.

## Section XIII - Disposal Considerations

Treat or dispose of waste material in accordance with all local, state/provincial, and federal requirements.

## Section XIV - Transportation Information

Transportation Data/DOT

**Shipping Description:** Not DOT Regulated

## Section XV - Regulatory Information

Sara Title III Categories

Immediate (Acute Health Hazard)	Yes
Delayed (Chronic Health Hazard)	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactivity Hazard	Yes

WHMIS Hazard Symbols:  
None

This material or all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substance Control Act (TSCA).

## Section XVI - Other Information

We believe that said statements, technical information and recommendations contained herein are reliable. Statements contained herein are given without warranty or guarantee of any kind, express or implied, and we assume no responsibility for any loss, damage, or expense, direct or consequential, arising out of their use.