



## Material Safety Data Sheet

### NEUTRAL CURE AUTOMOTIVE SILICONE SEALANT L.V. L.O. HI TEMP COPPER #200907

#### 1. PRODUCT AND COMPANY IDENTIFICATION

##### ULTRA GREEN Barrier Systems

Division of Ultramotive Corporation  
172 Peavine Boulevard  
Bethel, VT 05032

Customer Service: 802-234-9901  
24 Hour Emergency: CHEMTREC 800-424-9300  
Prepared by: Buzz DeNatale  
Revised: June 21, 2010

Generic Description: Silicone Elastomer  
Physical Form: Paste  
Color: Copper  
Odor: Mild

NFPA Profile: Health 1 Flammability 1 Instability/Reactivity 0  
Note: NFPA = National Fire Protection Association

#### 2. OSHA HAZARDOUS COMPONENTS

CAS Number	WT%	Component Name
22984-54-9	3 – 5	Methyl tris (methylethylketoxime)
2224-33-1	0 – 1	Vinyl tris (methylethylketoxime) Silane
7631-86-9	10	Silica, amorphous
1317-65-3	35-50	Calcium Carbonate (Limestone)

The above components are hazardous as defined in 29 CFR 1910.1200.

#### 3. HAZARDS IDENTIFICATION

##### POTENTIAL HEALTH EFFECTS

###### Acute Effects:

Eye: Direct contact irritates slightly with redness and swelling.  
Skin: A single short exposure (less than 24 hours) may irritate. Prolonged contact (24 to 48 hours) may irritate moderately. Product contains oximes which are possible skin sensitizers  
Inhalation: Vapor overexposure may cause drowsiness, injure blood, liver and may irritate eyes, nose, and throat  
Oral: Small amounts transferred to the mouth by fingers during use should not injure. Swallowing large amounts may injure slightly.

###### Repeated Exposure Effects:

Skin: Product contains oximes which are possible skin sensitizers.  
Inhalation: Vapor overexposure may cause drowsiness, injure blood, liver and may irritate eyes, nose and throat  
Oral: Small amounts transferred to the mouth by fingers during use, etc., should not injure. Swallowing large amounts may injure slightly.



require use of steam, solvents or detergents. Dispose of saturated absorbent or cleaning materials appropriately. Local, state and federal laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which federal, state and local laws and regulations are applicable. Sections 13 and 15 of this MSDS provide information regarding certain federal and state requirements.

**Note:** See Section 8 for Personal Protective Equipment for Spills. Call (989) 496-5900, if additional information is required.

## 7. HANDLING AND STORAGE

Use with adequate ventilation. Product evolves methylethylketoxime (MEKO) when exposed to water or humid air. Provide adequate ventilation during use to control MEKO within exposure guidelines (See Section 2) or use respiratory protection. Use reasonable care and keep container closed and store away from water or moisture.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Component Exposure Limits:** N/A

### Engineering Controls

Local Ventilation: Recommended.

General Ventilation: Recommended.

### Personal Protective Equipment for Routine Handling

Eyes: Use proper protection – safety glasses as a minimum.

Skin: Wash at mealtime and end of shift. Contaminated clothing and shoes should be removed as soon as practical and thoroughly cleaned before reuse. Chemical protective gloves are recommended.

Suitable Gloves: Nitrile Rubber, Butyl Rubber, Neoprene rubber, Natural Rubber, Silver Shield

Inhalation: Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. IH personnel can assist in judging the adequacy of existing engineering controls.

Suitable Respirator: Respiratory Protection is not needed under ambient conditions. If vapor/mist/dust/fumes are generated when material is heated or handled, the following is advised. General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29CFR 1910.134) and use NIOSH/MSHA approved respirators.

### Personal Protective Equipment for Spills

Eyes: Use full face respirator.

Skin: Wash at mealtime and end of shift. Contaminated clothing and shoes should be removed as soon as practical and thoroughly cleaned before reuse. Chemical protective gloves are recommended.

Inhalation/Suitable: Respiratory Protection recommended. Follow OSHA Respirator Regulations (29 CFR 1910.134) and use NIOSH/MHSA approved respirators. Protection provided by air purifying respirators against exposure to any hazardous chemical is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstance where air purifying respirators may not provide adequate protection.

Precautionary Measures; Avoid eye contact. Avoid skin contact. Do not take internally. Avoid breathing vapor. Keep container closed. Use reasonable care.

Comments: Product evolves methylethylketoxime (MEKO) when exposed to water or humid air. Provide ventilation during use to control MEKO within exposure guidelines (See Section 2) or use Respiratory Protection.

When heated to temperatures above 150 C (300F) in the presence of air, product may form formaldehyde vapors. Physical and health hazard information is readily available from Dow Corning Corporation and the Material Safety Data Sheet.

**Note:** These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may require added precautions.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Form:	Solid (paste)
Odor:	Mild
Color:	Copper
Specific Gravity @ 25 C:	1.38
Vapor Pressure @ 25 C:	Not Applicable
Vapor Density:	Not Applicable
PH:	Not Applicable
Evaporation Rate:	Not Applicable

**Note:** The above information is not intended for use in preparing product specifications.

## 10. STABILITY AND REACTIVITY

Chemical Stability:	Stable.
Hazardous Polymerization:	Hazardous polymerization will not occur.
Conditions to Avoid:	None.
Materials to Avoid:	Oxidizing material can cause a reaction. Water, moisture, or humid air can cause curing and the liberation of methylethylketoxime vapors as described in Section 2.

## 11. TOXICOLOGICAL INFORMATION

Complete information is not yet available

## 12. ECOLOGICAL INFORMATION

Complete information is not yet available.

## 13. DISPOSAL CONSIDERATIONS

### RCRA Hazard Class (40 CFR 261)

When a decision is made to discard this material, as received, is it classified as a hazardous waste? No  
State or local laws may impose additional regulatory requirements regarding disposal.

Call (989) 496-6315, if additional information is required.

## 14. TRANSPORT INFORMATION

### DOT Road Shipment Information (49 CFR 172.101)

Not subject to DOT.

### Ocean Shipment (IMDG)

Not subject to IMDG code.

### Air Shipment (IATA)

Not subject to IATA regulations.

## 15. REGULATORY INFORMATION

Contents of this MSDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200

TSDA Status: All chemical substances in this material are included on or exempted from listing on the TSCA inventory of Chemical Substances.

### EPA SARA TITLE III CHEMICAL LISTINGS

#### Section 302 Extremely Hazardous Substances (40 CFR 355):

None.

#### Section 304 CERCLA Hazardous Substances (40 CFR 302):

None.

#### Section 311/312 Hazard Class (40 CFR 370):

Acute: Yes

Chronic: Yes

Fire: No

Pressure: No

Reactive: No

#### Section 313 Toxic Chemicals (40 CFR 372):

None present or none present in regulated quantities.

### Supplemental State Compliance Information:

#### California Safe Drinking Water and Toxic Enforcement Act (Proposition 65):

The components of this product are not on the California Proposition 65 Lists.

#### Massachusetts

CAS Number

7631-86-9

Component Name

Silica, amorphous

#### New Jersey

CAS Number

70131-67-8

Component Name

Dimethyl siloxane, hydroxyl-terminated

7631-86-9

Silica, amorphous

63148-62-9

Polydimethylsiloxane

22984-54-9

Methyl Tris Silane

1317-65-3

Calcium Carbonate

**Pennsylvania**

CAS Number

70131-67-8

7631-86-9

22984-54-9

Component Name

Dimethyl siloxane, hydroxyl-terminated

Silica, amorphous

Methyl Tris Silane

**16. OTHER INFORMATION**

This information is offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.