

MATERIAL SAFETY DATA SHEET (MSDS)

PRODUCT: MMS-080 Pure Silver Electrically Conductive RTV Silicone

1. Chemical Product and Company Identification

Manufactured By: Moreau Marketing & Sales, Inc.
485 Glenn Link Road
Lexington NC 27295

Emergency Phone: 336-764-5232 Fax: 336-764-0941
www.Rmoreau.com

Revised: 5/14/07

Preparer: Robert Moreau

Chemical Family: Silicone Rubber

Formula: Mixture

2. Composition / Information on Ingredients

Product Composition CAS Reg. No.	Approx. % Wt.	ACGIH TWA	TLV STEL	OSHA TWA	PEL STEL	Units
A. HAZARDOUS	NONE FOUND					
B. NON HAZARDOUS						
Polydimethylsiloxane silanol terminated 70131-67-8	25-35	NE	15	NE	NE	NA
Trade Secret Component	1-5	NF	NE	NF	NE	NA
Polydimethylsiloxane trimethyl terminated 63148-62-9	5-9	---	NE	---	NE	NA
Vinyl oximino silane 2224-33-1	0.1-1.5	NE	NE	NE	NE	NA
Modified silicon dioxide 68611-44-9	2-4	6	10	6	10	mg/m3
Aminosilane 919-30-2	0-2	NE	NE	NE	NE	NA
Silver Powder 7440-22-4	25-45	0.1	0.1	0.1	0.1	mg/m3

3. HAZARDS IDENTIFICATION

Potential Health Effects:

Ingestion:
Skin Contact:

NONE KNOWN
Many cause mild skin irritation
Manufacturing experience has shown that skin hazard is not applicable in this form.

Inhalation:
Eye Contact:
Medical Conditions Aggravated:
Subchronic (TARGET ORGAN) Effects:
Chronic Effects/Carcinogenicity:

NONE KNOWN
May cause mild eye irritation.
NONE KNOWN
NONE KNOWN
THIS PRODUCT OR ONE OF IT'S INGREDIENTS PRESENT 0.1% or MORE IS NOT LISTED OR SUSPECTED AS A CARCINOGEN BY NTP, IARC OR

OSHA

Principle Routes of Exposure:
Other:

NONE KNOWN
This product contains methylpolysiloxanes which can generate formaldehyde upon exposure above 300 degrees Centigrade in atmospheres which contain oxygen.
Formaldehyde is a skin, eye, and throat irritant..

4. FIRST AID MEASURES

Ingestion:	NONE KNOWN
Skin:	WASH WITH SOAP AND WATER
Inhalation:	NONE KNOWN
In case of eye contact:	FLUSH WITH WATER FOR 15 MINUTES AND GET MEDICAL ATTENTION
Note to physician:	NONE KNOWN

5. FIREFIGHTING MEASURES

Flash point:	315 C or 600 F
Method:	COC
Ignition temp.	Unknown
Flammable limits in air - lower%	NA
Flammable limits in air - upper %	NA
Sensitivity to mechanical impact:	NO
Sensitivity to static discharge:	NO
Extinguishing media:	ALL STANDARD FIREFIGHTING MEDIA
Special firefighting procedures:	NONE KNOWN

6. ACCIDENTAL RELEASE MEASURES

Action to be taken if material is released or spilled:	SCRAPE-UP and PLACE IN AN INERT MATERIAL FOR DISPOSAL
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7. HANDLING and STORAGE

Precautions to be taken during handling and storage:	CURE ONLY WHERE APPROPRIATE VENTILATION SYSTEMS EXIST.
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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls:	NONE KNOWN
Respiratory protection:	NONE REQUIRED
Protective gloves:	CLOTH GLOVES
Eye and face protection:	SAFETY GLASSES
Other protective equipment:	NONE REQUIRED
Ventilation:	NONE REQUIRED

9. PHYSICAL and CHEMICAL PROPERTIES

Boiling point:	NA
Vapor pressure:	NA
Vapor density:	NA
Freezing point:	NA
Melting point:	NA
Physical state:	PASTE
Odor:	MILD
% Volatile by volume:	<1
Evaporation rate:	<1
Specific gravity:	3.06
Density: (Kg/M3)	3060
Acid/alkalinity	UNKNOWN
PH:	NA
VOC:	NT
Solubility in water:	INSOLUBLE
Solubility in organic solvents:	PARTIALLY SOLUBLE IN TOLUENE

10. STABILITY and REACTIVITY

Stability:	STABLE
Hazardous polymerization:	WILL NOT OCCUR
Hazardous thermal decomposition/combustion products:	CARBON DIOXIDE, CARBON MONOXIDE, SILICON DIOXIDE, FORMALDEHYDE
Conditions to avoid:	NONE KNOWN

11. TOXICOLOGICAL INFORMATION

Product Information:	
Acute Oral LD50:	UNKNOWN
Acute Dermal LD50:	UNKNOWN
Acute Inhalation LC50:	UNKNOWN
Ames Test:	UNKNOWN

12. ECOLOGICAL INFORMATION

Ecotoxicological Information:	UNKNOWN
Chemical Fate Information:	UNKNOWN

13. DISPOSAL CONSIDERATIONS

Disposal Method:	DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL CONSIDERATIONS
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14. TRANSPORT INFORMATION

DOT Shipping Name:	NA
DOT Hazard Class:	NOT DOT REGULATED
DOT Label:	NA
UN/NA Label:	NA
Placards:	None
IATA:	NA
IMO IMDG-code:	NA
European Class:	
RID (OCTI):	NA
ADR (ECE):	NA
RAR (IATA):	NA

15. REGULATORY INFORMATION

SARA Section 302:	NONE FOUND
SARA (311, 312) Hazard Class:	NONE
SARA (313) Chemicals:	NONE
CPSC Classification:	NA
WHMIS Hazard Class:	NONE
Export Schdle B/HTSUS	3910.00 Silicones in primary form.
ECCN:	EAR99
Hazard Rating Systems	
HMIS:	HEALTH 1, FLAMMABILITY 0, REACTIVITY 0
NFPA:	HEALTH 1, FLAMMABILITY 0, REACTIVITY 0
California Proposition 65:	NONE

16. OTHER

This product or its components are on the European inventory (EINECS) of existing commercial chemicals. This data is offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is made. The recommended handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific content of the intended use.