

**MATERIAL SAFETY DATA SHEET**

**PRODUCT:** SS-35 Thermally Conductive Silicone RTV

**1. Chemical Product and Company Identification**

**Manufactured By:**  
 Moreau Marketing & Sales  
 410 Lori Lane  
 Winston-Salem, NC 27127  
 336-764-5232 Fax: 0941  
 www.Rmoreau.com

**Revised:** 2-10-99  
**Preparer:** David M. Brassard  
**Chemical Family:** Silicone Rubber  
**Formula:** Mixture

**2. Composition / Information on Ingredients**

Product Composition CAS Reg. No.	Approx. % Wt.	ACGIH TWA	TLV STEL	OSHA PEL TWA STEL	Units
<b>A. HAZARDOUS NONE FOUND</b>					
<b>B. NON HAZARDOUS</b>					
Polydimethylsiloxane silanol terminated 70131-67-8	45-50	NE	15	NE NE	NA
Trade Secret Component Polydimethylsiloxane trimethyl terminated 63148-62-9	1-5 10-29	NF ---	NE NE	NF NE --- NE	NA NA
Vinyl oximino silane 2224-33-1	1-5	NE	NE	NE NE	NA
Modified silicon dioxide 68611-44-9	2-12	6	10	6 10	mg/m3
Aminosilane 919-30-2	0-2	NE	NE	NE NE	NA
Alumina 1344-28-1	15-35	10	10	5 15	mg/m3
Carbon Black 1333-86-4	0-2	3.5	3.5	3.5 3.5	mg/m3

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### 3. HAZARDS IDENTIFICATION

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**Potential Health Effects:**

**Ingestion: NONE KNOWN**

**Skin Contact: Many cause mild skin irritation**

**Manufacturing experience has shown that skin hazard is not applicable in this form.**

**Inhalation: NONE KNOWN**

**Eye Contact: May cause mild eye irritation.**

**Medical Conditions Aggravated: NONE KNOWN**

**Subchronic (TARGET ORGAN) Effects: NONE KNOWN**

**Chronic Effects/Carcinogenicity: 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: NONE KNOWN**

**Other: 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.**

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### 4. FIRST AID MEASURES

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**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**

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### 5. FIREFIGHTING MEASURES

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

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## 6. ACCIDENTAL RELEASE MEASURES

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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

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Precautions to be taken during handling and storage:  
**CURE ONLY WHERE APPROPRIATE VENTILATION SYSTEMS EXIST.**

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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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**

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## 9. PHYSICAL and CHEMICAL PROPERTIES

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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:	1.32
Density: (Kg/M3)	1320
Acid/alkalinity	UNKNOWN
PH:	NA
VOC:	NT
Solubility in water:	INSOLUBLE
Solubility in organic solvents:	PARTIALLY SOLUBLE IN TOLUENE

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## 10. STABILITY and REACTIVITY

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**Stability:** STABLE  
**Hazardous polymerization:** WILL NOT OCCUR  
**Hazardous thermal decomposition/combustion products:**  
CARBON DIOXIDE  
CARBON MONOXIDE  
SILICON DIOXIDE  
FORMALDEHYDE

**Conditions to avoid:** NONE KNOWN

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## 11. TOXICOLOGICAL INFORMATION

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

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## 12. ECOLOGICAL INFORMATION

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**Ecotoxicological Information:** UNKNOWN  
**Chemical Fate Information:** UNKNOWN

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## 13. DISPOSAL CONSIDERATIONS

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**Disposal Method:** DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH  
FEDERAL, STATE, AND LOCAL CONSIDERATIONS

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#### 14. TRANSPORT INFORMATION

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

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#### 15. REGULATORY INFORMATION

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

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#### 16. OTHER

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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. Nor 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.