

MATERIAL SAFETY DATA SHEET

PRODUCT: SS-36 Fast Cure, Wet Bonding RTV Silicone Sealant

1. Chemical Product and Company Identification

Moreau Marketing & Sales
 410 Lori Lane
 Winston-Salem, NC 27127
 336-764-5232 Fax: 336-764-0941
 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 |
|---|------------------|--------------|-------------|----------------------|-------|
| A. HAZARDOUS NONE FOUND | | | | | |
| B. NON HAZARDOUS | | | | | |
| Polydimethylsiloxane silanol terminated 70131-67-8 | 45-50 | NE | 15 | NE NE | NA |
| Trade Secret Component | 1-5 | NF | NE | NF NE | NA |
| Polydimethylsiloxane trimethyl terminated 63148-62-9 | 10-29 | --- | NE | --- | NE 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 |
| Calcium Carbonate 471-34-1 | 15-35 | 10 | 15 | 5 15 | mg/m3 |
| Carbon Black 1333-86-4 | 0-2 | 3.5 | 3.5 | 3.5 3.5 | mg/m3 |

3. HAZARDS IDENTIFICATION

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/Carcinogenity: 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 Fahrenheit 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

7. HANDLING and STORAGE

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

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: 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

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

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: FLAMMABILITY 1 , REACTIVITY 1 , HEALTH 1
NFPA: FLAMMABILITY 1 , REACTIVITY 1 , HEALTH 1
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. 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.