

GENERAL ELECTRIC CO., SILICONE PRODUCT DIV. -- RTV157 SILICONE SEALANT --  
8040-00-181-8380

===== Product Identification =====

Product ID:RTV157 SILICONE SEALANT

MSDS Date:10/21/1985

FSC:8040

NIIN:00-181-8380

Status Code:A

MSDS Number: CJFQH

=== Responsible Party ===

Company Name:GENERAL ELECTRIC CO., SILICONE PRODUCT DIV.

Address:260 HUDSON RIVER ROAD

City:WATERFORD

State:NY

ZIP:12188

Country:US

Emergency Phone Num:(518) 237-3330

Preparer's Name:CE-HANNIGAN

CAGE:01139

=== Contractor Identification ===

Company Name:GENERAL ELECTRIC CO, SILICONE PRODUCTS BUSINESS DEPT

Address:260 HUDSON RIVER RD

Box:City:WATERFORD

State:NY

ZIP:12188

Country:US

Phone:518-237-3330/800-332-3390

CAGE:01139

Company Name:GSA WORKFORCE

State:UK

Country:US

CAGE:SO023

===== Composition/Information on Ingredients =====

Ingred Name:METHYLTRACETOXYSILANE

CAS:4253-34-3

RTECS #:VV4500000

Minimum %

Wt:1.  
Maxumum % Wt:5.  
OSHA PEL:10 (R) PPM TWA  
ACGIH TLV:10 (R) PPM TWA

Ingred Name:POLYDIMETHYLSILOXANE SILANOL/STPD  
CAS:70131-67-8  
Minumum % Wt:60.  
Maxumum % Wt:80.

Ingred Name:SILANOL/STPD SILOXANE W/ME SLSQXNS  
CAS:68554-67-6  
Fraction by Wt: 8.75% APROX

Ingred Name:D4 & HMDZ TREATED SILICON DIOXIDE  
CAS:68937-51-9  
Minumum % Wt:10.  
Maxumum % Wt:30.  
OSHA PEL:15MG/M3 TWA  
ACGIH TLV:10MG/M3 TWA

=====  
===== Hazards Identification =====

Routes of Entry: Inhalation:YES  
Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:INGEST: MAY BE HARMFUL IF SWALLOWED.  
SKIN: UNCURED PRODUCT IRRITATES LIPS, GUMS, TONGUE AND SKIN. AVOID  
CONTACT WITH SKIN AND EYES. IHHAL: IRRITATION OF MOUTH, NOSE,  
THROAT. APPLIES ONLY IN UNCURED ST ATE. EYES: UNCURED PRODUCT  
IRRITATES EYES.  
Effects of Overexposure:ACETIC ACID RELEASED DURING CURING. THIS  
PRODUCT CONTAINS METHYLPOLYSILOXANES WHICH CAN GENERATE  
FORMALDEHYDE AT 300 F. FORMALDEHYDE IS RESPIRATORY AND SKIN  
SENSITIZER. MSDS FOR FORMALDEHYDE IS AVAILA BLE FROM GE SILICONE.

=====  
===== First Aid Measures =====

First Aid:INGESTION: IF CONSCIOUS, DRINK PLENTY OF WATER. DO NOT  
INDUCE VOMITING. CALL DR. SKIN: REMOVE FROM SKIN WITH A DRY CLOTH  
OR PAPER TOWEL BEFORE WASHING W/DETERGENT AND WATER. INHALATION:  
REMOVE TO FRESH AIR. EYES: FLUSH WITH LARGE AMOUNTS OF WATER FOR  
15 MINUTES. REMO

VE CONTACT LENSES. GET MEDICAL ATTENTION.

===== Fire Fighting Measures =====

Extinguishing Media:ALL STANDARD FIRE FIGHTING MEDIA

Fire Fighting Procedures:NONE KNOWN

===== Accidental Release Measures =====

Spill Release Procedures:WIPE, SCRAPE OR SOAK UP IN AN INERT MATERIAL AND PUT IN CONTAINER FOR DISPOSAL. WASH WALKING SURFACES WITH DETERGENT TO REDUCE SLIPPING HAZARD. WEAR PROPER PROTECTIVE EQUIPMENT AS SPECIFIED I  
N PROTECT IVE EQUIPMENT SECTION.

===== Handling and Storage =====

Handling and Storage Precautions:AVOID CONTACT WTIH SKIN AND EEYS. REMOVE CONTACT LENSES BEFORE USING SEALANT. DO NOT HANDLE LENSES UNTIL ALL SEALANT HAS BEEN CLEANED FROM FINGERTIPS, NAILS, AND CUTICLES. RESIDUAL SEALANT MAY REMAIN ON FINGERS FOR SEVERAL DAYS AND TRANSFER TO LENSES AND CAUSE SEVERE EYE IRRITATION.

===== Exposure Controls/Personal Protection =====

=====

Respiratory Protection:USE IN A WELL VENTILATED AREA. USE APPROVED NIOSH RESPIRATORY PROTECTION IF TLV IS EXCEEDED OR IF OVEREXPOSURE IS LIKELY.

Ventilation:MECHANICAL AND EXHAUST VENTILATION RECOMMENDED

Protective Gloves:RUBBER

Eye Protection:SAFETY GLASSES

Other Protective Equipment:EYE WASH STATIONS.

Supplemental Safety and Health

===== Physical/Chemical Properties =====

Spec Gravity:1.1 WATER=1

Evaporation Rate & Reference:535MG/L RAT. SILANOL

/S TPD SILOXANE W/ME SLSQXNS ACUTE ORAL

LD50: >40G/KG RAT. ACUTE INHAL LC50: >535 MG/L RAT. OTHER:

NONIRRITATING TO SKIN: RABBIT. D4 & HMDZ TREATED SILICON DIOXIDE

ACUTE LD50: 3160 MG/KG RAT.

===== Disposal Considerations =====

Waste Disposal Methods:TREATMENT, STORAGE, TRANSPORTATION, AND DISPOSAL OF MATERIAL MUST BE IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.

===== Regulatory Information =====

=

SARA Title III Information:SARA 311, 312 HAZARD CLASS: ACUTE HEALTH HAZARD.

State Regulatory Information:

Disclaimer (provided with this information by the compiling agencies):  
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.