

GENERAL ELECTRIC CO SILICONE PRODUCT DIV. -- RTV102/PROP PROPELLENT --
5970-01-100-4464

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

Product ID:RTV102/PROP PROPELLENT

MSDS Date:01/30/1990

FSC:5970

NIIN:01-100-4464

MSDS Number: BJYLY

=== Responsible Party ===

Company Name:GENERAL ELECTRIC CO SILICONE PRODUCT DIV.

Address:260 HUDSON RIVER ROAD

City:WATERFORD

State:NY

ZIP:12188

Country:US

Info Phone Num:518-2

37-3330

Emergency Phone Num:518-237-3330

Preparer's Name:D. A. POLSINELLI

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:INSULATING MATERIALS INC

Address:1 CAMPBELL RD

Box:1404

City:SCHENECTADY

State:NY

ZIP:12306-9701

Country:US

Phone:518-395-3300

CAGE:08800

===== Composition/Information on I

ngredients =====

Ingred Name:CHLORODIFLUOROMETHANE
CAS:75-45-6
RTECS #:PA6390000
Fraction by Wt: 30-60%
Other REC Limits:NONE SPECIFIED
OSHA PEL:1000 PPM
ACGIH TLV:1000PPM; 9192
Ozone Depleting Chemical:2

Ingred Name:CHLORODIFLUOROETHANE
CAS:75-68-3
RTECS #:KH7650000
Fraction by Wt: 60-80%
Other REC Limits:NONE SPECIFIED
Ozone Depleting Chemical:2

Ingred Name:TRADE SECRET COMPONENTS
Fraction by Wt: 1-5%
Other REC Limits:NONE SPECIFIED

===== 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:INHALATION: VAPOR IS HEAVIER THAN AIR
AND CAN CAUSE SUFFOCATION BY REDUCING OXYGEN AVAILABLE FOR
BREATHING. BREATHING HIGH CONCENTRATIONS OF VAPOR MAY CAUSE
LIGHT-HEADEDNESS, GIDDINESS, SHORTNESS OF BREATH, AND MAY LEAD TO
NARCOSIS, CARDIACIRREGULARITIES, UNCONSCIOUSNESS OF DEATH.
SKIN/EYE: LIQUID CAN DEFAT TISSU

E.
Explanation of Carcinogenicity:NONE OF THE COMPONENTS OF THIS PRODUCT
IS NOT AS A CARCINOGEN BY IARC, NTP OR OSHA.
Effects of Overexposure:BREATHING HIGH CONCENTRATIONS OF VAPOR MAY
CAUSE LIGHT-HEADEDNESS, GIDDINESS, SHORTNESS OF BREATH, AND MAY
LEAD TO NARCOSIS, CARDIAC IRREGULARITIES, UNCONSCIOUSNESS OR DEATH.
LIQUID IS NOT CORROSIVE OR AN IRRITANT, BUT CAN CAUSE DEFATTING OF
TISSUE.
Medical Cond Aggravated by Exposure:SKIN DISEASE - FREON 113 IS A
DEFATTING AGENT A

ND CAN CAUSE DERMATITIS ON PROLONGED EXPOSURE.

PERSONS WITH PRE-EXISTING SKIN DISORDERS MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS AGENT.

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

First Aid:INHALATION: REMOVE TO FRESH AIR, CALL A PHYSICIAN. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION.IF BREATHING IS DIFFICULT, GIVE OXYGEN. DO NOT GIVE EPINEPHRINE OR SIMILAR DRUGS. EYE: FLUSH WITH WATER . SKIN: FLUSH WITH WATER. IF IRRITATIONPERSISTS, GET

MEDICAL ATTENTION. ORAL: GET MEDICAL ATTENTION IMMEDIATELY. DO NOT INDUCE VOMITING AS THE HAZARD OF ASPIRATING INTO THE LUNGS IS TOO GREAT.

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

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL AS APPROPRIATE FOR SURROUNDINGS.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

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

Spill Release Procedures:VENTILATE AREA. DO NOT FLUSH INTO SEWERS. DIKE SPILL. COLLECT ON ABSORBENT MATERIAL AND TRANSFER TO STEEL DRUMS FOR RECOVERY OR DISPOSAL. COMPLY WITH FEDERAL, STATE AND LOCAL REGULATIONS ON REPORTING RELEASES.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:STORE IN A CLEAN, COOL, DRY AND WELL-VENTILATED AREA OF LOW FIRE RISK. PROTECT CONTAINERS FROM PHYSICAL DAMAGE AND KEEP CLOSED.

Other Precautions:AVOID BREATHING VAPOR, LIQUID CONTACT WITH EYES, SKIN OR CLOTHING. EMPTY CONTAINERS MAY CONTAIN PRODUCT RESIDUES/VAPORS.

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

Respiratory Protection:NONE REQUIRED FOR ADEQUATELY VENTED WORK

SITUATIONS. FOR ACCIDENTAL OR NON-VENTILATED SITUATIONS, USE A SELF-CONTAINED BREATHING APPARATUS OR SUPPLIED-AIR RESPIRATOR, APPROVED BY NIOSH.

Ventilation:PROVIDE LOCAL EXHAUST AT FILLING ZONES AND OTHER OPERATING SPACES WHERE LEAKAGE IS PROBABLE. MECHANICAL FOR OTHER.

Protective Gloves:PVA GLOVES

Eye Protection:MONOGOGGLES OR FACE SHIELD

Other Protective Equipment:USE IMPERVIOUS CLOTHING IF THERE IS REPEATED OR PROLONGED CONTACT WITH LIQUID.

Work Hygienic Practices:REMOVE AND WASH CLOTHING PROMPTLY UPON CONTAMINATION.

Supplemental Safety and Health

USE ONLY IN A WELL VENTILLATED AREA. AVOID CONTACT WITH VAPORS OR LIQUID.

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

HCC:V2

Boiling Pt:B.P. Text:-41F,-41C

Vapor Density:3.7-4.7

Solubility in Water:NEGLIGIBLE

Appearance and Odor:WHITE/AMBER COLOR GAS WITH SLIGHT ODOR

Percent Volatiles by Volume:100

===== Stability and Reactivity Data =====

Stability Indicator/Ma

terials to Avoid:YES

STRONG OXIDIZING AGENTS, PROLONGED CONTACT WITH ALUMINUM, CONTACT WITH ACTIVE METALS SUCH AS SODIUM AND POTASSIUM.

Stability Condition to Avoid:HEAT ABOVE 120F, OPEN FLAMES AND OTHER SOURCES OF IGNITION

Hazardous Decomposition Products:DECOMPOSED BY HIGH TEMPERATURES (OPEN FLAMES, GLOWING METAL SURFACES, ETC.) FORMING HYDROCHLORIC AND HYDROFLUORIC ACIDS.

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

Waste Disposal Methods:COMPLY WITH F

FEDERAL, STATE AND LOCAL

REGULATIONS. REMOVE TO A PERMITTED WASTE DISPOSAL FACILITY.

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