GE SILICONES -- SR900 RESIN COATING SOLUTION -- 5970-01-206-3916

Product ID: SR900 RESIN COATING SOLUTION
MSDS Date: 06/17/1998
FSC: 5970
NIIN: 01-206-3916
Status Code: A
MSDS Number: CLBST

Responsible Party

Company Name: GE SILICONES
Address: 260 HUDSON RIVER ROAD
City: WATERFORD
State: NY
ZIP: 12188
Country: US
Info Phone Num: 518-237-3330
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

Composition/Information on Ingredients

Ingredient: BENZENE
CAS: 71-43-2
RTECS #: CY1400000
< Wt.: .04
OSHA PEL: 1 PPM
OSHA STEL: 5 PPM
ACGIH TLV: 0.5 PPM
ACGIH STEL: 2.5 PPM
EPA Rpt Qty: 10 LBS
DOT Rpt Qty: 10 LBS

Ingredient: TOluene
CAS: 108-88-3
RTECS #: XS5250000
Minimum % Wt: 30.
Maximum % Wt: 60.
OSHA PEL: 100 PPM
OSHA STEL: 150 PPM
ACGIH TLV: 50 PPM SKN
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS

Ingredient: OCTAMETHYLCYCLOTETRASILOXANE
CAS: 556-67-2
RTECS #: GZ4397000
Minimum % Wt: 1.
Maximum % Wt: 5.
ACGIH TLV: 5 PPM

Ingredient: MQ RESIN
CAS: 56275-01-5
Minimum % Wt: 30.
Maximum % Wt: 60.
Ingred Name: POLYDIMETHYLSILOXANE,
CAS: 70131-67-8
Minimum % Wt: 10.
Maximum % Wt: 30.
OSHA PEL: NE
ACGIH TLV: NE

------------------- Hazards Identification -------------------

LD50 LC50 Mixture: NO DATA PROVIDED BY MANUFACTURER
Routes of Entry: Inhalation: YES  Skin: YES  Ingestion: YES
Reports of Carcinogenicity: NTP: NO  IARC: NO  OSHA: NO
Health Hazards Acute and Chronic: INGESTION: HARMFUL IF SWALLOWED.
IRRITATION OF THE MOUTH, THROAT, AND STOMACH. ASPIRATION CAN BE A
HAZARD IF THIS MATERIAL IS SWALLOWED. SKIN: CAUSES DRYING OF THE
SKIN. MAY BE ABSORBED THRU THE SKIN AND CONTRIBUTE TO IRRITATION
OF THE MOUTH, THROAT, AND STOMACH. MAY CAUSE MODERATE SKIN
IRRITATION. INHALATION: CAUSES IRRITATION OF THE MOUTH, NOSE, AND
THROAT. HARMFUL IF INHALED. EYE: MAY CAUSE SEVERE EYE IRRITATION.
Explanation of Carcinogenicity: THIS PRODUCT OR ONE OF ITS INGREDIENTS
PRESENT 0.1% OR MORE IS NOT LISTED AS A CARCINOGEN OR SUSPECTED
CARCINOGEN BY NTP, IARC, OR OSHA.
Effects of Overexposure: INGESTION: CAUSES VOMITING, NAUSEA, AND
DIARRHEA. SKIN: CAUSES DRYING OF THE SKIN. INHALATION: EXCESSIVE
INHALATION CAUSES HEADACHE, DIZZINESS, NAUSEA AND INCOORDINATION.
MASSIVE INHALATION IMMEDIATELY DANGEROUS TO LIFE AND HEALTH.
EYE: CAUSES REDNESS AND TEARING. CAUSES BLURRED VISION.
SUBCHRONIC (TARGET ORGAN) EFFECTS: DERMATITIS. RESPIRATORY AILMENTS.
CENTRAL NERVOUS SYSTEM DAMAGE. REPRODUCTIVE DISORDERS. POSSIBLE
EFFECT ON SPLEEN. MAY CAUSE LIVER EFFECTS.
Medical Cond Aggravated by Exposure: RESPIRATORY, LIVER, KIDNEY, DERMAL
AILMENTS. CENTRAL NERVOUS SYSTEM DISOBURDERS.

------------------- First Aid Measures -------------------

First Aid: INGESTION: DO NOT INDUCE VOMITING. SLOWLY DILUTE WITH 1-2
GLASSES OF WATER OR MILK AND SEEK MEDICAL ATTENTION. NEVER GIVE
ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. SKIN: REMOVE
CONTAMINATED CLOTHING AND LAUNDRY BEFORE REUSE. INHALATION: IF
INHALED, REMOVE TO FRESH AIR, IF NOT BREATHING GIVE ARTIFICIAL
RESPIRATION, PREFERABLY MOUTH-TO-MOUTH. IF BREATHING IS DIFFICULT
GIVE OXYGEN. GET MEDICAL ATTENTION. EYES: IN CASE OF CONTACT,
IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES
AND GET MEDICAL ATTENTION IF IRRITATION PERSISTS. NOTE PHYSICIAN:
NONE KNOWN.

------------------- Fire Fighting Measures -------------------

Flash Point Method: PMCC
Flash Point: 4.4°C, 40.0°F
Autoignition Temp: 536.1°C, 997.0°F
Lower Limits: 1.2%
Upper Limits: 7.0%
Extinguishing Media: ALL STANDARD FIREFIGHTING MEDIA.
Fire Fighting Procedures: FLAMMABLE. WEAR RESPIRATORY PROTECTION IF IN A
CONFINE AREA.
Unusual Fire/Explosion Hazard: SENSITIVITY TO STATIC DISCHARGE IS
EXPECTED; MATERIAL

------------------- Accidental Release Measures -------------------

Spill Release Procedures: WIPE, SCRAPE OR SOAK UP IN AN INERT MATERIAL
AND PUT IN A CONTAINER FOR DISPOSAL. WEAR PROPER PROTECTIVE
EQUIPMENT AS SPECIFIED: RUBBER APRON. WEAR EYE PROTECTION AND
PROTECTIVE CLOTHING. REMOVE SOURCE OF IGNITION. WARN OTHER
WORKERS OF SPILL. INCREASES AREA VENTILATION. PERSON NOT TRAINED
SHOULD EVACUATE AREA.
Neutralizing Agent: NO DATA PROVIDED BY MANUFACTURER

------------------------------- Handling and Storage -------------------------------

Handling and Storage Precautions: USE GROUND STRAP. RECOMMENDED STORAGE IN ORIGINAL CONTAINER BELOW 30°C (85°F). KEEP CONTAINER CLOSED WHEN NOT IN USE. AVOID BREATHING VAPORS, IF EXPOSED TO HIGH VAPOR CONCENTRATION, LEAVE AREA AT ONCE. AVOID CONTACT WITH SKIN AND EYES. USE ONLY IN A WELL VENTILATED AREA. WARNING. FLAMMABLE. Other Precautions: DO NOT INHALE VAPORS.

---------------------- Exposure Controls/Personal Protection ----------------------

Respiratory Protection: USE IN A WELL VENTILATED AREA. USE APPROVED NIOSH RESPIRATORY PROTECTION IF TLV EXCEEDED OR OVER EXPOSURE IS LIKELY.
Ventilation: USE ONLY IN WELL VENTILATED AREA. MECHANICAL VENTILATION.
Protective Gloves: RUBBER GLOVES
Eye Protection: SAFETY GLASSES, MONOGOGGLES.
Other Protective Equipment: RUBBER APRON. WEAR EYE PROTECTION AND PROTECTIVE CLOTHING.
Work Hygienic Practices: NO DATA PROVIDED BY MANUFACTURER
Supplemental Safety and Health
NO DATA PROVIDED BY MANUFACTURER

-------------------- Physical/Chemical Properties ------------------------------

HCC: E2
Boiling Pt: = 111°C, 232°F
Melt-Freeze Pt: M.P/F.P Text: NA
Vapor Pres: (20 C) (MM HG) 22
Vapor Density: (AIR=1) 3.2
Spec Gravity: (WATER=1) .969
VOC Pounds/Gallon: 445
pH: NA
Evaporation Rate & Reference: (BUTYL ACETATE=1) 1.9
Solubility in Water: (20 C) INSOLUBLE
Appearance and Odor: LIQUID AROMATIC CLEAR
Percent Volatiles by Volume: 50

---------------------- Stability and Reactivity Data -----------------------------

Stability Indicator/Materials to Avoid: YES CONTACT WITH OXIDIZING AGENTS.
Stability Condition to Avoid: KEEP AWAY FROM HEAT, SPARKS AND FLAME.
AVOID ANY SOURCE OF IGNITION.
Hazardous Decomposition Products: CARBON MONOXIDE. CARBON DIOXIDE.
SILICON DIOXIDE. FORMALDEHYDE.
Conditions to Avoid Polymerization: WILL NOT OCCUR

------------------- Toxicological Information -------------------------------

Toxicological Information: BENZENE: ACUTE ORAL LD50 (MG/KG): 3800 (RAT);
ACUTE INHALATION LC50 (MG/L): 10000 PPM/7HR (RAT). AMES TEST: N/K.
TOLUENE: ACUTE ORAL LD50 (MG/KG): 5000 (RAT); ACUTE DERMAL LD50 (MG/KG): 14000 (RBT); A CUTE INHALATION LC50 (MG/L): 5320 PPM/8HR (MUS). AMES TEST: N/K. OCTAMETHYLCYCLOTETRASILOXANE: ACUTE ORAL LD50 (MG/KG): >64000 (RAT); ACUTE DERMAL LD50 (MG/KG): >16000 (RBT); ACUTE INHALATION LC50 (M G/L): >41 MG/L/6 HR (RAT). MQ RESIN: ACUTE ORAL LD50/ACUTE DERMAL LD50/ACUTE INHALATION LC50: UNKNOWN. POLYDIMETHYLSILOXANE: ACUTE ORAL LD50 (MG/KG): >40000 (RAT); ACUTE INHALATION LC50 (MG/L): >535 R AT.

------------------------ Ecological Information -------------------------------

Ecological: ECOTOXICOLOGICAL INFORMATION: NO DATA AT THIS TIME. CHEMICAL
FATE INFORMATION: NO DATA AT THIS TIME.

== Disposal Considerations ==

Waste Disposal Methods: DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS. INCINERATION RECOMMENDED IN APPROVED INCINERATOR ACCORDING TO FEDERAL, STATE, AND LOCAL REGULATIONS.

== MSDS Transport Information ==


== Regulatory Information ==


Federal Regulatory Information: NO DATA PROVIDED BY MANUFACTURER


== Other Information ==

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