View NSN Online: https://aerobasegroup.com/nsn/5970-00-787-8319

EMERSON AND CUMING -- STYCAST 2651-40 BLACK -- 5970-00-787-8319
========== Product Identification ==========

Product ID:STYCAST 2651-40 BLACK
MSDS Date:12/31/1998
FSC:5970
NIIN:00-787-8319
Kit Part:Y
MSDS Number: CKTDJ
=== Responsible Party ===
Company Name:EMERSON AND CUMING
Address:46 MANNING ROAD
City:BILLERICA
State:MA
ZIP:01821
Country:US
Info Phone Num:978-436-9781
Emergency Phone Num:(800)424-9300
R
esp. Party Other MSDS Num.:150265
Preparer's Name:DAVID HAAS
Chemtrec Ind/Phone:(800)424-9300
CAGE:UO004
=== Contractor Identification ===
Company Name:EMERSON AND CUMING
Address:46 MANNING ROAD
Box:City:BILLERICA
State:MA
ZIP:01821
Country:US
Phone:978-436-9781
CAGE:UO004
Company Name:MCKEOWN ROBERT CO. INC.
Address:111 CHAMBERS BROOK RD.
Box:City:SOMERVILLE
State:NJ
ZIP:08876
Country:US
Phone:908-218-9000
Contract Num:SP0430-00-M-H664
CAGE:7B953
Company Name:MCKEOWN ROBERT CO. INC.
Address:111

CHAMBERS BROOK RD.
Box:City:SOMERVILLE
State:NJ
ZIP:08876
Country:US
Phone:908-218-9000
Contract Num:SP0430-00-Q-G225
CAGE:7B953

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

Ingred Name:DGEBA EPOXY RESIN
Minumum % Wt:50.
Maxumum % Wt:60.

Ingred Name:CRYSTALLINE SILICA
Minumum % Wt:20.
Maxumum % Wt:25.
OSHA PEL:0.1 MG/M3
ACGIH TLV:0.1MG/M3

Ingred Name:MICA
CAS:12001-26-2
RTECS #:VV8760000
Minumum % Wt:15.
Maxumum % Wt:20.
OSHA PEL:20 MPPCF
ACGIH TLV:3 MG/M3

Ingred Na
me:PHENYL GLYCIDYL ETHER
CAS:122-60-1
RTECS #:TZ3675000
Minumum % Wt:2.
Maxumum % Wt:5.
OSHA PEL:60 MG/M3;10 PPM
ACGIH TLV:0.6 MG/M3;0.1 PPM

Ingred Name:CARBON BLACK
CAS:1333-86-4
RTECS #:FF5800000
< Wt:.2
OSHA PEL:3.5 MG/M3
ACGIH TLV:3.5 MG/M3

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:UNKNOWN IARC:YES
Health Hazards Acute and Chronic:EYE CONTACT: CONTAINS MATERIALS
IRRI

TATING TO THE EYES. SKIN CONTACT: CONTAINS MATERIALS WHICH CAUSE MODERATE SKIN IRRITATION. PROLONGED OR REPEATED EXPOSURE TO THE LIQUID MAY EXERT A DEFATTING ACTION ON THE SKIN, POSSIBLY RESULTING IN DERMATITIS. THIS PRODUCT MAY CAUSE SKIN SENSITIZATION/ ALLERGIC SKIN REACTIONS WHICH MAY BE SEVERE IN CERTAIN INDIVIDUALS. INHALATION: HEATING CAN GENERATE VAPORS THAT MAY CAUSE RESPIRATORY IRRITATION, NAUSEA AND HEADACHES. INHALATION HAZARD AT ROOM TEMPERATURE IS UNLI
KELY, DUE TO THE LOW VOLATILITY OF THIS PRODUCT. INGESTION: HARMFUL IF SWALLOWED.

Explanation of Carcinogenicity:IARC: DGBA EPOXY RESINS ARE NOT CLASSIFABLE AS CARCINOGENS. IARC CLASSIFIES FREE CRYSTALLINE SILICA AS A CLASS 2 CARCINOGEN. IARC HAS CLASSIFIED FREE CARBON BLACK AS A CLASS 2B CARCINOGEN. IARC HAS CL ASSIFIED PHENYL GLYCIDYL ETHER AS A CLASS 2B CARCINOGEN.

Effects of Overexposure:EYE CONTACT: BLURRED VISION, BURNING SENSATION AND TEARING. SKIN CONTACT: DEFATTI
NG OR DRYING ACTION ON THE SKIN, DERMATITIS, SKIN SENSITIZATION/ALLERGIC SKIN REACTIONS WHICH MAY BE SEVERE IN CERTAIN INDIBIDUALS; SYMPTOMS INCLUDE RASH, ITCHING, HIVES, SWELLING OF THE EXTREMITIES. INHALATION: RESPIRATORY IRRITATION, NAUSEA AND HEADACHES.

Medical Cond Aggravated by Exposure:EXPOSURE MAY AGGRAVATE PREEXISTING SKIN AND/OR EYE DISORDERS.

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

First Aid:EYES: FLUSH WITH WATER FOR 15 MINUTES, HOL
DING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING AND FLUSH AREA OF SKIN WITH PLENTY OF WATER. FOLLOW BY WASHING WITH SOAP AND WAT ER. GET MEDICAL ATTENTION IF IRRITATIONPERSISTS. PROPERLY CLEAN CONTAMINATED CLOTHING BEFORE REUSE. INHALATION: MOVE TO FRESH AIR. GIVE OXYGEN IF BREATHING DIFFICULT. GIVE ARTIFICIAL RESPIRATION IF NO T BREATHING. GET MEDICAL ATTENTION. INGESTION: GIVE PLENTY OF WATER TO DRINK, IF VICTIM IS CONSCIOUS AND ALERT.
NEVER GIVE ANYTHING BY MOUTH TO A DROWSY, UNCONSCIOUS, OR CONVULSIVE PERSON. GET MEDICAL ATTENTION.

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

Flash Point:>93.3C, 200.F
Lower Limits:N/E
Upper Limits:N/E
Extinguishing Media:USE CARBON DIOXIDE, DRY CHEMICAL, FOAM, WATER FOG.
Fire Fighting Procedures:FIREFIGHTERS/RESCUE PERSONNEL SHOULD WEAR POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT. COOL EXPOSED CONTAINERS WITH W

ATER TO PREVENT
PRESSURE BUILDUP. IF LARGE Q UANTITIES OF MATERIAL ARE INVOLVED, EVACUATE AREA AND FIGHT FIRE FROM A SAFE DISTANCE.

Unusual Fire/Explosion Hazard:DECOMPOSITION AND COMBUSTION PRODUCTS MAY BE TOXIC. CLOSED CONTAINERS MAY VIOLENTLY RUPTURE UNDER FIRE CONDITIONS. REACTION WITH CURING AGENTS IS EXOTHERMIC; SMOKE OR TOXIC FUMES MAY BE EVOLVED IF HEA T OF REACTION BECOMES EXCESSIVE DUE TO HIGH CURING TEMPERATURES OR CURING OF LARGE MASSES OF MATERIAL.

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

Spill Release Procedures:STOP SOURCE OF SPILL. ACTIVATE EXHAUST VENTILATION IN AREA. DIKE AREA TO PREVENT RELEASES TO SEWERS, DRAINS, WATERWAYS. COLLECT SPILL FOR SALVAGE/DISPOSAL. APPLY ABSORBENT MATERIAL TO SOAK UP RESIDUE . WASH AREA WITH SOAPY WATER. PREVENT RUNOFF FROM ENTERING WATERWAYS. TRANSFER ABSORBED MATERIAL AND WATER RINSES TO CONTAINERS. DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL
REGULATIONS.

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

Handling and Storage Precautions:EMPLOYEES MUST BE PROPERLY TRAIN IN SAFE HANDLING OF THIS PRODUCT PRIOR TO USE. STORE IN COOL, DRY LOCATION WITH ADEQUATE VENTILATION. KEEP CONTAINER TIGHTLY SEALED WHEN NOT IN USE. KEEP AWAY FROM OPE N FLAMES AND HEAT SOURCES. CONSULT THE PRODUCT TECHNICAL BULLETIN FOR DETAILED STORAGE INFORMATION.

Other Precautions:BECAUSE USAGE CONDITIONS VARY DEPENDING ON CU
STOMER
APPLICATION, SPECIFIC SAFE HANDLING PROCEDURES SHOULD BE DEVELOPED BY A PERSON KNOWLEDGEABLE IN THE INTENDED USAGE CONDITIONS, AND EQUIPMENT. EMPLOY EES MUST BE TRAINED IN SAFE HANDLING OF THIS PRODUCT PRIOR TO USE.

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

Respiratory Protection:USE AN APPROPRIATE, PROPERLY FITTED RESPIRATOR IF EXPOSURES EXCEED PEL/TLV VALUES. THE TYPE OF PROTECTION SELECTED (SCBA, AIR-PURIFYING, ETC.) WILL DEPEND UPON

THE CONDITIONS OF USE.
OBSERVE OSHA REGU LATIONS FOR RESPIRATORY PROTECTION (29 CFR 1910.134).
Ventilation:PROVIDE EFFECTIVE MECHANICAL EXHAUST VENTILATION TO DRAW VAPORS, MISTS OR FUMES GENERATED DURING PROCESSING AWAY FROM THE WORKER AND PREVENT ROUTINE INHALATION.
Protective Gloves:WEAR APPRIOPRIATE PROTECTIVE GLOVES.
Eye Protection:CHEMICAL SAFETY GLASSES, SPLASH-PROOF CHEMICAL GOGGLES, OR FACE SHIELD.
Other Protective Equipment:IF NECESSARY, A PROPER CHEMICAL-RESISTANT

APRON AND ADDITIONAL IMPERVIOUS CLOTHING SHOULD BE USED TO PREVENT SKIN CONTACT AND CONTAMINATION OF CLOTHING. EMERGENCY EYE WASH FACILITIES AND SAFETY SHOWER.
Work Hygienic Practices:WASH HANDS AND FACE THOROUGHLY AFTER HANDLING THIS PRODUCT AND BEFORE EATING, DRINKING OR SMOKING.
Supplemental Safety and Health
THIS ENTRY DESCRIBES 0NE ITEM, STYCAST 2651-40 BLACK. A TWO PART KIT, SEE MSDS SERIAL "CKTDW".

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

HCC:B2
Boiling Pt:B.P. Text:ND
Vapor Pres:AIR
Spec Gravity:1.60
Solubility in Water:INSOLUBLE
Appearance and Odor:BLACK LIQUID, PUNGENT ODOR.
Percent Volatiles by Volume: