

EMERSON & CUMING INC -- STYCAST 2651-40 BLACK -- 5970-01-338-0784
===== Product Identification =====

Product ID:STYCAST 2651-40 BLACK
MSDS Date:03/02/1993
FSC:5970
NIIN:01-338-0784
MSDS Number: BYCBZ
=== Responsible Party ===
Company Name:EMERSON & CUMING INC
Address:77 DRAGON COURT
City:WOBURN
State:MA
ZIP:01888
Country:US
Info Phone Num:617-828-3300
Emergency Phone Num:617-935-4850
Preparer's Name:DAVID HAAS
CAGE:DO244
=== Contractor Identification ===
Company Name:EMERSON & CUMING
Address:55 HAYDEN AVE
Box:City:LEXINGTON
State:MA
ZIP:02173
Country:US
Phone:617-861-6600
CAGE:0B562
Company Name:EMERSON & CUMING INC DIV/W R GRACE CO
Address:117 DRAGON COURT
City:AUOBURN
State:MA
ZIP:01888
Phone:(617) 935-4850 OR (617) 938-8630
CAGE:DO244

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

Ingred Name:EPOXY RESIN
Fraction by Wt: 50-60%
OSHA PEL:N/K
ACGIH TLV:N/K

Ingr

ed Name:MICA - SILICATES (< 1% CRYSTALLINE SILICA)

CAS:12001-26-2

RTECS #:VV8760000

Fraction by Wt: 35-45%

OSHA PEL:20 MPPCF; Z-3

ACGIH TLV:3 MG/M3 RDUST

Ingred Name:PROPANE, 1,2-EPOXY-3-PHENOXY-; (PHENYL GLYCIDYL ETHER)
(PGE)

CAS:122-60-1

RTECS #:TZ3675000

Fraction by Wt: 2-5%

OSHA PEL:10 PPM

ACGIH TLV:S, 1 PPM; A3

Ingred Name:PIGMENTS

Fraction by Wt: 200F,>93C

Extinguishing Media:USE CARBON DIOXIDE, DRY CHEMICAL, FOAM, WATER FOG.

Fire Fighting Procedures:NIOSH/MSHA APPRVD SCBA & FULL PRO
T EQUIP .

COOL EXPOSED CNTNRS W/WATER TO PVNT PRESS BUILDUP. IF LG QTYS OF
MATL ARE INVOLVED, EVAC AREA & FIGHT (SUPDAT)

Unusual Fire/Explosion Hazard:DECOMPOSITION & COMBUSTION PRODS MAY BE
TOXIC. CLOSED CNTNRS MAY VIOLENTLY RUPTURE UNDER FIRE CONDITIONS.

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

Spill Release Procedures:SPILL RESPONSE OPERATIONS MUST BE CONDUCTED
I/A/W PROVISIONS OF OSHA 29 CFR 1910.120. REVIEW ENTIRE MSDS BEFORE
PROCEEDING W/SPI

LL RESPONSE. SM SPILLS:ACTIVATE AVAIL EXHAUST VENT
EQUIP IN IMMED SPILL AREA. WIPE UP/ABSORB SPILLED MATL WITH (ING
13)

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:THE REC DESCRIBED IN THIS SECTION ARE
PROVIDED AS GEN GUIDANCE FOR MINIMIZING EXPOS WHEN HANDLING THIS
PRODUCT.

Other Precautions:BECAUSE USAGE CNDTNS WILL VARY DEPENDING ON CUSTOMER
APPLIC, SPECIFIC SAFE

HDNLG PROC SHOULD BE DEVELOPED BY PERSON
KNOWLEDGEABLE IN THE INTENDED USAGE CNDTNS & EQUIP. EMPLOYEES MUST
BE PROPERLY TRAIN ED IN SAFE HNDLG OF THIS PROD (ING 20)

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

Respiratory Protection:USE AN APPROP, NIOSH/MSHA PROPERLY FITTED RESP
IF EXPOS EXCEED PEL/TLV VALUES. TYPE OF PROT SELECTED (NIOSH/MSHA
SCBA, AIR-PURIFYING, ETC) WILL DEPEND UPON CNDTNS OF USE. OBSERVE
OSHA REGS FOR RESP PR OT (29 CFR 1910.134).

Ventilation:PROVIDE EFTIVE MECH EXHAUST VENT TO DRAW VAPS, MISTS/FUMES
GENERATED DURING PROCESSING AWAY FROM WORKER & PVNT (ING 22)

Protective Gloves:NEOPRENE GLOVES.

Eye Protection:ANSI APPRVD CHEM WORKERS GOGGLES .

Other Protective Equipment:CHEM-RESIST APRON & ADDNL IMPERVIOUS CLTHG.
EMER EYE WASH FACILITIES & SAFETY SHOWER MUST BE AVAILABLE.

Work Hygienic Practices:NORM WORK CLTHG SHOULD BE WASHED BEFORE REUSE.
WASH HANDS & FACE THORO AFTER HNDLG PROD & BEFORE EATING,
DRINKI
NG/SMKNG.

Supplemental Safety and Health

FIRE FIGHT PROC:FIRE FROM SAFE DIST. CNDTNS TO AVOID:OR EXPOS TO
INCOMPAT SUBSTANCES. MATLS TO AVOID:MAY CAUSE HAZ POLYMERIZATION.
HAZ DECOMP PROD:BY-PRODS WILL VARY WIDELY DEPENDING ON CNDTNS OF
COMB USTION. EFTS OF OVEREXP:RESIN IN PROD HAS BEEN SHOWN TO BE
MUTAGENIC IN SOME MICROBIAL TESTS, BUT HAS FAILED TO (ING 5)

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

Vapor Pres: