

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

ingred 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  
PROT 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/

SPILL 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 SA

FE 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 1910.13

4).

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,  
DRI

NKING/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: