

EMERSON CUMING INC. -- STYCAST 2651-40 BLACK (EXPOXY RESIN) -- 8040-00-180-6348  
===== Product Identification =====

Product ID:STYCAST 2651-40 BLACK (EXPOXY RESIN)

MSDS Date:12/14/1992

FSC:8040

NIIN:00-180-6348

Status Code:A

Kit Part:Y

MSDS Number: CHVSN

=== Responsible Party ===

Company Name:EMERSON CUMING INC.

Address:55 HAYDEN AVE

City:LEXINGTON

State:MA

ZIP:02173

Country:US

Info Phone Num:617-

402-9100/617-861-6600

Emergency Phone Num:800-424-9300(CHEMTREC)

Preparer's Name:DAVID HAAS

CAGE:0B562

=== 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:GRACE W R & CO EMERSON & CUMING DEWEY & ALMY CHEM

Address:869 WASHINGTON ST

City:CANTON

State:MA

ZIP:02021-2513

Country:US

Phone:617-935-4850

CAGE:04552

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

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Ingred Name:EPOXY RESIN  
Fraction by Wt: 50-60%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:MICA  
RTECS #:9999999ZZ  
Fraction by Wt: 35-45%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:PHENYL GLYCIDYL ETHER (PGE)  
CAS:122-60-1  
RTECS #:TZ3675000  
Fraction by Wt: 2-5%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:10 PPM  
ACGIH TLV:S, 1 PPM; A3; 9596

Ingred Name:PIGMENTS  
Fraction by Wt: 200F,>93C  
Autoignition Temp:Autoignition Temp Text:NP  
Lower Limits:NE  
Upper Limits:NE  
Extinguishing Media:USE C  
ARBON DIOXIDE, DRY CHEMICAL, FOAM, WATER FOG.  
Fire Fighting Procedures:FIREFIGHTERS/RESCUE PERS SHOULD WEAR POSTIIVE  
PRESSURE SCBA & FULL PROT EQPMT.COOL EXPO CNTNR W/H2O TO PREVENT  
PRESSURE BUILDUP.LG QUANT INVOLVED EVACUATE(SUPP)  
Unusual Fire/Explosion Hazard:DECOMPOSITION & COMBUSTION PRODUCTS MAY  
BE TOXIC.CLOSED CNTNRS MAY VIOLENTLY RUPTURE UNDER FIRE CONDITIONS.

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

Spill Release Procedures:RESPONSE OPERATIONS IAW  
29CFR1910.120.REVIEW  
ALL MSDS BEF RESPONSE.SM-ACTIVATE AVAI EXHAU VENTI.WIPEUP/ABSORB  
W/VERMI/SIMILAR MATL.WASH W/SOAPY H2O-REMOVES RESIDUE.COLLECT  
ABSORB MATL/H2O RINSES IN AP PROP CNTNR.DISPO IAW CURRENT  
REGS.LG-LIMIT(SUPPLE)  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN COOL DRY LOCATION W/ADEQU  
VENTI.KEEP CNTNR TIGHTLY SEALED WHEN NOT IN USE.KEEP AWAY FRM

FLAMES/HEAT SOURCES.

Other Precautions:CONSULT W/PROD TECHNICAL BULLETIN FOR DETAILED STORAGE INFO.

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

Respiratory Protection:USE APPROPRIATE PROPERLY FITTED RESP IF EXPO EXCEED PEL/TLV VALUES.TYPE OF PROTECTION SELECTED DEPEND UPON CONDITIONS OF USE.OBSERVE 29CFR1910.134 REGS. VENTI:MUST BE SUFF TO MAINTAIN AIRBORNE LEVELS OF INGREGS BELOW PEL/TLV.

Ventilation:PROVIDE EFFECT MECH EXHA VENTI-DRAWS VAP/MIST/FU ME FRM

PROCESS AWAY FRM WORKER/PREVENT ROUTINE INHAL.ESPEC HI TEMP(RESP)

Protective Gloves:APPROPRIATE PROTECTIVE GLOVES

Eye Protection:CHEM SAF GLASS,SPLASH PROOF CHEM GOG,FCS

Other Protective Equipment:CHEM-RESIST APRON,ADDN IMPERV CLOTHING TO PREVENT SKIN CONTACT/CLOTH CONTAM.EMERG EYE WASH FAC/SAF SHOWER SHOULD BE AVAI

Work Hygienic Practices:NORMAL WORK CLOTH SHOULD BE WASH BEF REUSE.WASH HANDS/FACE WELL AFAT HDN LG,BEF EAT/DRINK/SMOKE.

Supplemental Safety and Health

FIREFIGH

T:AREA & FIGHT FIRE FROM SAFE DISTANCE. DECOMPO:WIDELY DEPENDING ON CONDITONS OF COMBUSTION. SPILL:ACCESS.SHUT OFF SOURCE W/O RISK.ACTIVATE AVAI EXHAU VENTI.DIKE TO CONTAIN,PREVENT TO SEWER/DR AIN/H2OWAYS.COLLECT FOR SALV/DISPO.APPLY ABSORBENT TO RESIDUE.TRANSF ABSORB MATL/RINSES TO CNTNR,DISPO IAW REGS.

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

HCC:N1

Boiling Pt:B.P. Text:ND

Melt/Freeze Pt:M.P/F.P Text:NP

Decomp Temp:Decomp Text:NP

Vapor Pres:AIR

Spe

c Gravity:1.60

pH:NP

Viscosity:NP

Evaporation Rate & Reference:NP

Solubility in Water:INSOLUBLE

Appearance and Odor:BLACK LIQUID

Percent Volatiles by Volume: