

EMERSON CUMING INC. SUB OF W R GRACE AND CO. -- STYCAST 2651-40 BLACK --
5970-00-081-4333

===== Product Identification =====

Product ID:STYCAST 2651-40 BLACK

MSDS Date:03/11/1997

FSC:5970

NIIN:00-081-4333

Kit Part:Y

MSDS Number: BRJHC

=== Responsible Party ===

Company Name:EMERSON CUMING INC. SUB OF W R GRACE AND CO.

Address:77 DRAGON COURT

City:WOBURN

State:MA

ZIP:01888

Country:US

Info Phone Num:

617-828-3300

Emergency Phone Num:617-935-4850/617-938-8630

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

Company Name:LAMINATED MATERIALS CORP.

Address:162 W LIPPINCOTT ST

Box:6

710
City:PHILADELPHIA
State:PA
ZIP:19133-4221
Country:US
Phone:215-425-4100
CAGE:20200
Company Name:RICHEY ELECTRONICS
Box:UNKNOWN
CAGE:08CK6

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

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

Ingred Name:MICA - SILICATES (< 1% CRYSTALLINE SILICA)
CAS:12001-26-2
RTECS #:VV8760000
Fraction by Wt: 35 - 45%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:20 MPPCF; Z-3
ACGIH TLV:3 MG/M3 RDUST; 9394

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:1 PPM; 9394

Ingred Name:PIGMENTS
Fraction by Wt: 200F,>93C
Lower Limits:NOT GIVEN
Upper Limits:NOT GIVEN
Extinguishing Media:USE WATER FOG, FOAM, DRY CHEMICAL, CARBON DIOXIDE.
COOL FIRE-EXPOSED CONTAINERS WITH WATER SPRAY.
Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED
SELF-CONTAINED BREATHING APPARATUS.
Unusual Fire

/Explosion Hazard:CLOSED CONTAINERS MAY RUPTURE.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES OF IGNITION. VENTILATE AREA. CONTAIN SPILL. PICK UP SPILL WITH NON-FLAMMABLE ABSORBENT SUCH AS SAND, VERMICULITE. PLACE IN CONTAINER FOR DISPOSAL. PREVENT LIQUID FROM ENTERING SEWERS, WATERWAYS OR LOW ARE

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN A COOL, DRY VENTILATED PLACE. KEEP CONTAINERS CLOSED AWAY FROM HEAT, SOURCES OF IGNITION & INCOMPATIBLES.

Other Precautions:AVOID BREATHING VAPORS. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR DRINKING. REMOVE CONTAMINATED CLOTHING PROMPTLY. LAUNDRY BEFORE REUSE. KEEP OUT OF REACH OF CHILDREN.

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

Respiratory Protection:IF WORKING IN A CONFINED AREA OR IF ENGINEERING CONTROLS DO NOT MAINTAIN AIRBORNE CONCENTRATIONS BELOW TLV, USE NIOSH- APPROVED SELF-CONTAINED BREATHING APPARATUS OR SUPPLIED AIR RESPIRATOR, OPERATED IN POSITIVE PRESSURE MODE.

Ventilation:MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF) VENTILATION

Protective Gloves:RUBBER OR LATEX AS REQUIRED

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:EYE WASH STATION, SAFETY SHOWER, PROTECTIVE CLOTHING

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safety and Health

KEY1:T6. THIS PRODUCT IS A KIT CONSISTING OF THREE PARTS. PART ONE, HAS PNI A; PART TWO HAS PNI B, AND PART C HAS PNI C, SAME NSN.

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

HCC:T4

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:NOT GIVEN

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Decomp Temp:D

ecomp Text:NOT GIVEN

Vapor Pres:1

Spec Gravity:1.60

Viscosity:NOT KNOWN

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:INSOLUBLE

Appearance and Odor:BLACK LIQUID

Percent Volatiles by Volume: