

EMERSON & CUMING,INC., DIV OF W.R.GRACE AND CO. -- STYCAST 2741 BLACK --
5970-00-109-4611

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

Product ID:STYCAST 2741 BLACK

MSDS Date:04/22/1993

FSC:5970

NIIN:00-109-4611

Kit Part:Y

MSDS Number: BVFJX

=== Responsible Party ===

Company Name:EMERSON & CUMING,INC., DIV 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:617-935-4850/938-8630

Preparer's Name:DAVID HAAS

CAGE:0JMR7

=== Contractor Identification ===

Company Name:EMERSON & CUMING,INC., DIV OF W.R.GRACE AND CO.

Address:61 HOLTON STREET

Box:City:WOBURN

State:MA

ZIP:01180

Country:US

Phone:800-225-1936

CAGE:0JMR7

===== 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: 40 - 50%
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:CARBON BLACK
CAS:1333-86-4
RTECS #:FF5800000
Fraction by Wt: 200F,>93C
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. IF LARGE QUANTITIES OF MATERIAL
ARE INVOLVED, FIGHT FIRE FROM A SAFE DISTANCE.
Unusual Fire/Explosion Hazard:CLOSED CONTAINERS MAY EXPLODE.
DECOMPOSITION AND COMBUSTION PRODUCTS MAY BE TOXIC.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. VENTILATE AREA.
WIPE UP OR ABSORB SPILLED MATER
IAL WITH VERMICULITE OR OTHER
SIMILAR MATERIAL. WASH AREA WITH SOAPY WATER TO REMOVE RESIDUE.
COLLECT ABSORBED MATERIAL AND WA TER RINSE IN APPROPRIATE
CONTAINERS FORDISPOSAL.
Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN A COOL, DRY, VENTILATED AREA
AWAY FROM FLAMES & INCOMPATIBLES. KEEP CONTAINER TIGHTLY CLOSED
WHEN NOT IN USE.
Other Precautions:DO NOT GET IN EYES, ON SKIN OR O

N CLOTHING. WASH

THOROUGHLY AFTER HANDLING AND BEFORE EATING OR DRINKING. REMOVE CONTAMINATED CLOTHING PROMPTLY. LAUNDER BEFORE REUSE. KEEP OUT OF REACH OF CHILDREN.

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===== 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.

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

Protective Gloves:RUBBER OR LATEX IF REPEATED CONTACT

Eye Protection:SPLASH-PROFF CHEMICAL GOGGLES/FACESHIELD

Other Protective Equipment:EYE WASH STATION, SAFETY SHOWER, PROTECTIVE CLOTHING AND/OR CHEMICAL-RESISTANT APRON

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

Supplemental Safety and Health

FORMULA CHANGED. FOR PREVIOUS FORMULATIONS, SEE PNI A OR B, SAME NSN.

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

HCC:T6

NRC/State Lic Num:NOT RELEVANT

Vapor Pres:NEGLIGIBLE

Vapor Density:>1

Spec Gravity:1.65

Solubility in Water:INSOLUBLE

Appearance and Odor:BLACK LIQUID

Percent Volatiles by Volume:2.5

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===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, STRONG ACIDS, STRONG BASES, UNCONTROLLED MIXING WITH AMINES, ANHYDRIDES, MERCAPTANS, IMIDAZOLES

Stabili

ty Condition to Avoid: STORAGE IN OPEN CONTAINERS, OPEN FLAME,
EXCESSIVE HEAT, UNCONTROLLED MIXING WITH CURING AGENTS
Hazardous Decomposition Products: MAY FORM CARBON MONOXIDE, CARBON
DIOXIDE, NITROGEN COMPOUNDS, PHENOLS, ALDEHYDES, ACIDS AND OTHER
ORGANIC SUBSTANCES.

===== Disposal Considerations =====

Waste Disposal Methods: DISPOSE OF IN ACCORDING TO LOCAL, STATE AND
FEDERAL REGULATIONS.

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ing agencies):

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