

GRACE, W R & CO; EMERSON & CUMING INC. -- STYCAST 2651 -- 5970-00-900-4414

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

Product ID:STYCAST 2651

MSDS Date:03/12/1993

FSC:5970

NIIN:00-900-4414

Kit Part:Y

MSDS Number: CBTBN

=== Responsible Party ===

Company Name:GRACE, W R & CO; EMERSON & CUMING INC.

Address:55 HAYDEN AVE

City:LEXINGTON

State:MA

ZIP:02173

Country:US

Info Phone Num:617-861-3300, MSDS INFO

Emerg

ency Phone Num:617-861-6600; CHEMTREC,800-424-9300

Preparer's Name:DAVID HAAS

CAGE:MO184

=== Contractor Identification ===

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:GRACE, W R & CO

Address:55 HAYDEN AVE

Box:City:LEXINGTON

State:MA

ZIP:02173

Country:US

Phone:781-861-6600

CAGE:0NR92

Company Name:GRACE, W R & CO; EMERSON & CUMING INC.

Address:55 HAYDEN AVE

Box:Cit

y:LEXINGTON  
State:MA  
ZIP:02173  
Country:US  
Phone:617-861-3300, MSDS INFO  
CAGE:MO184  
Company Name:TRIMAN INDUSTRIES INC  
Address:420 COMMERCE LN SUITE 8  
Box:City:WEST BERLIN  
State:NJ  
ZIP:08091  
Country:US  
Phone:856-767-7945 /FAX: 856-767-7154  
CAGE:0ZBE8

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

Ingred Name:EPOXY RESIN  
Fraction by Wt: 50 - 58%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:MICA - SILICATES (< 1% CRYSTALLINE SILICA)  
CAS:12001-26-2  
RTECS #:VV8760000  
Fractio  
n by Wt: 40 - 48%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:20 MPPCF; Z-3  
ACGIH TLV:3 MG/M3 RDUST; 9596

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:CARBON BLACK  
CAS:1333-86-4  
RTECS #:FF5800000  
Fraction by Wt: 200F,>93C  
Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM OR DRY  
CHEMICAL. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.  
Fire Fighti

ng Procedures:WEAR FULL PROTECTIVE CLOTHING AND  
NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.  
Unusual Fire/Explosion Hazard:MAY FORM TOXIC MATERIALS. CONTAINER MAY  
RUPTURE.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. VENTILATE AREA.  
ABSORB ON SAND, VERMICULITE OR SIMILAR MATERIAL. SWEEP UP AND PLACE  
IN AN APPROPRIATE CONTAINER. HOLD FOR DISPOSAL. WASH CONTAMINATED  
SPILL AREA WITH SOAPY WATER.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN COOL, DRY PLACE, AWAY FROM  
INCOMPATIBLE MATERIALS. KEEP CONTAINER CLOSED.

Other Precautions:WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING  
AND BEFORE EATING, DRINKING, SMOKING. KEEP OUT OF REACH OF  
CHILDREN. DO NOT TAKE INTERNALLY. DO NOT GET IN EYES OR ON SKIN.

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

Respiratory Protection:NONE NORMALLY REQUIRED. IF TLV IS EXCEEDED OR  
FOR SYMPTOMS OF OVER EXPOSURE, WEAR NIOSH-APPROVED ORGANIC VAPOR  
RESPIRATOR OR AIR-PURIFYING RESPIRATOR. IN EMERGENCY, WEAR A  
NIOSH-APPROVED POSITIVE-PRESSURE SELF-CONTAINED BREATHING  
APPARATUS.

Ventilation:GENERAL MECHANICAL VENTILATION IS ADEQUATE FOR NORMAL USE.  
LOCAL EXHAUST IS RECOMMENDED FOR CONFINED AREAS.

Protective Gloves:LATEX TO PREVENT SKIN CONTACT

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:N1.

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

HCC:N1

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

=====

= Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid: YES

STRONG ACIDS, STRONG OXIDIZING AGENTS, STRONG BASES, AMINES,  
ANHYDRIDES, MERCAPTANS, IMIDAZOLES

Stability Condition to Avoid: OPEN FLAME, UNCONTROLLED EXPOSURE TO HEAT,  
UNCONTROLLED MIXING WITH CURING AGENTS

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE,  
ALDEHYDES, ACIDS, NITROGEN COMPOUNDS AND OTHER ORGANIC SUBSTANCES  
MAY BE FORMED.

Conditions to Avoid Polymerization

: UNCONTROLLED MIXING WITH CURING  
AGENTS

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

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE  
AND FEDERAL REGULATIONS. CONTRACT WITH A LICENSED WASTE DISPOSAL  
FACILITY.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department  
of Defense. The United States of America in no manner whatsoever,  
expressly or implied,  
warrants this information to be accurate and  
disclaims all liability for its use. Any person utilizing this  
document should seek competent professional advice to verify and  
assume responsibility for the suitability of this information to their  
particular situation.