

EMERSON AND CUMING, INC. A W.R.GRACE CO. -- STYCAST 2762 CLEAR, ADHESIVE --
8040-00-994-1696

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

Product ID:STYCAST 2762 CLEAR, ADHESIVE

MSDS Date:01/29/1985

FSC:8040

NIIN:00-994-1696

MSDS Number: BJNYP

=== Responsible Party ===

Company Name:EMERSON AND CUMING, INC. A W.R.GRACE CO.

Address:869 WASHINGTON STREET

City:CANTON

State:MA

ZIP:02021

Country:US

Info Phone Num:800-225-1936

Emergency Phone Num:617-828-3300

CAGE:OB562

=== Co

ntractor 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

Company Name:EMERSON AND CUMING, INC,

Address:77 DRAGON CT.

City:WOBURN

State:MA

ZIP:01888-5000

Country:US

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

CAGE:OB562

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

Ingred Name:N-BUTYL GLYCIDYL ETHER (BGE)

CAS:2426-08-6

RTECS #:TX4200000

Fraction by Wt:

4-7% %
Other REC Limits:NONE SPECIFIED
OSHA PEL:50 PPM
ACGIH TLV:25 PPM; 9293

Ingred Name:EPICHLOROHYDRIN (SARA III)
CAS:106-89-8
RTECS #:TX4900000
Fraction by Wt: < 5%PPM
Other REC Limits:NONE SPECIFIED
OSHA PEL:S, 5 PPM
ACGIH TLV:S, 2 PPM; 9293
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

Ingred Name:NON HAZARDOUS INGREDIENT (BIS
Other REC Limits:NONE SPECIFIED

Ingred Name:BISPHENOL A/EPICHLOROHYDRIN-BASED EPOXY RESIN
Fraction by Wt: 92-96% %
Other REC Limits:NONE SPECIFIED

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== Hazards Identification =====

LD50 LC50 Mixture:NOT PROVIDED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:INHALATION: IRRITATION. EYE CONTACT:
IRRITATION. SKIN CONTACT: IRRITATION. PROLONGED CONTACT MAY RESULT
IN SKIN SENSITIZATION. INGESTION: HARMFUL IF SWALLOWED.
Explanation of Carcinogenicity:PRODUCT CONTAINS EPICHLOROHYDRIN WHICH
HAS BEEN REPO
RTED TO PRODUCE MUTAGENIC CHANGES IS BACTERIA AND
CULTURED HUMAN CEL
Effects of Overexposure:INHALATION: VAPORS CAN BE IRRITATING. EYE
CONTACT: IRRITATION UPON DIRECT CONTACT. SKIN CONTACT: IRRITATION
UPON DIRECT CONTACT. PROLONGED EXPOSURE MAY RESULT IN SKIN
SENSITIZATION. INGESTION: HARMFUL IF SWALLOWED. EFFECTS OF
LONGTERM OVEREXPOSURE: BUTYL AND PHENYL GLYCIDYL ETHERS MAY INDUCE
MUTAGENIC CHANGES IN ANIMAL
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFAC

TURER.

===== First Aid Measures =====

First Aid:IN CASE OF INHALATION, REMOVE TO FRESH AIR. IN CASE OF EYE CONTACT, IMMEDIATELY FLUSH EYES WITH WATER FOR 15 MINUTES, GET MEDICAL ATTENTION. IN CASE OF SKIN CONTACT, REMOVE CONTAMINATED CLOTHING; WASH AFFECTED AREA WITH WATER. IN CASE OF INGESTION, DILUTE WITH LARGE QUANTITIES OF WATER; INDUCE VOMITING ONLY IF VICTIM IS CONSCIOUS AND ALERT. GET IMMEDIATE MEDICAL ATTENTION.

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===== Fire Fighting Measures =====

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM, WATER FOG.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:TOXIC FUMES MAY BE EVOLVED UPON EXPOSURE TO HEAT OR OPEN FLAME.

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

Spill Release Procedures:WIPE UP, OR ABSORB WITH VERMICULITE OR OTHER ABSORBENT MATERIAL. IF ACETONE OR OTHER SIMILAR SOLVENTS USED, USE WITH ADEQUATE VENTILATION AND FIRE PRECAUTIONS. COLLECT WASTE IN SEALED CONTAINERS. WASH AREA WITH SOAPY WATER AND RINSE.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN COOL, DRY PLACE; KEEP REMOVED FROM ANY HEAT OR OPEN FLAME. KEEP CONTAINER CLOSED WHEN NOT IN USE.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

===== Exposure Control

Is/Personal Protection =====

Respiratory Protection:NONE SPECIFIED BY MANUFACTURER.

Ventilation:GOOD GENERAL WORKPLACE VENTILATION IS RECOMMENDED. FLEXIBLE DUCTWORK SHOULD EXTEND TO AREAS OF HIGH CONCENTRATION.

Protective Gloves:RECOMMENDED IF DIRECT CONTACT LIKELY.

Eye Protection:PROTECTIVE EYE GOGGLES.

Other Protective Equipment:PROTECTIVE CLOTHING IF DIRECT CONTACT LIKELY.

Work Hygienic Practices:WASH CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health
PROVIDE

SPECIAL VENTILATION AT ELEVATED TEMPERATURES.

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

HCC:N1
Boiling Pt:B.P. Text:>400F,>204C
Vapor Pres: 1
Spec Gravity:1.15
Solubility in Water:NEGLIGIBLE
Appearance and Odor:CLEAR LIQUID
Percent Volatiles by Volume: