MAGNOLIA PLASTICS INC -- MAGNOBOND 56A -- 8030-00N045925

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

Product ID: MAGNOBOND 56A
MSDS Date: 12/16/1988
FSC: 8030
NIIN: 00N045925
Kit Part: Y
MSDS Number: BSJPS

===== Responsible Party =====
Company Name: MAGNOLIA PLASTICS INC
Address: 5547 PEACHTREE IND BLVD
City: CHAMBLEE
State: GA
ZIP: 30341
Country: US
Info Phone Num: 404-451-2777
Emergency Phone Num: 404-451-2777
CAGE: 22121

===== Contractor Identification =====
Company Name: MAGNOLIA PLASTICS INC
Address: 5547 PEACHTREE INDUSTRIAL BLVD
Box: City: CHAMBLEE
State: GA
ZIP: 30341-2234
Country: US
Phone: (770) 451-2777/(800) 457-4280
CAGE: 22121

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

Ingredient: PROPANE, 1-BUTOXY-2,3-EPoxy; (N-BUTYL GLYCIDYL ETHER (BGE))
RTECS #: TX42000000
Fraction by Wt: 4-8%
OSHA PEL: 25 PPM
ACGIH TLV: 25 PPM

Ingredient: PROPANE, 1-CHLORO-2,3-EPoxy; (EPICHLOROHYDRIN) (SARA III)
CAS: 106-89-8
RTECS #: TX4900000
Fraction by Wt: <2%
OSHA PEL: 2 PPM, S
ACGIH TLV: 2 PPM, S
EPA Rpt Qty: 100 LBS
DOT Rpt Qty: 100 LBS

Ingredient: ALUMINUM; (ALUMINUM POWDER) (SARA III)
CAS: 7429-90-5
RTECS #: BD0330000
Fraction by Wt: 15-25%
OSHA PEL: 15 MG/M3 TDUSt; 5RESP
ACGIH TLV: 10 MG/M3; 5 FUME

================================= Hazards Identification =================================

LD50 LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation: YES Skin: NO Ingestion: YES

Reports of Carcinogenicity: NTP: YES  IARC: YES  OSHA: NO  
Health Hazards: Acute and Chronic: ACUTE: MODERATELY IRRITATING TO SKIN 
AND EYES. POSSIBLE SKIN SENSITIZATION. LOW ORAL TOXICITY. INHAL NOT 
LIKELY TO PRODUCE ADVERSE EFFECTS DUE TO LOW VOLATILITY.  
Explanation of Carcinogenicity: EPICHLOROHYDRIN: IARC MONOGRAPH, 
SUPPORT, VOL 7, PG 202, 1987: GRP 2A. NTP 6TH ANNUAL REPORT ON 
CARCINOS, (SUPP DATA)  
Effects of Overexposure: SEE HEALTH HAZARDS.  
Medical Cond Aggravated by Exposure: PRE-EXISTING SKIN & EYE DISORDERS.  

------------------------  First Aid Measures  ------------------------  

First Aid: SKIN: REMOVE CONTAMINATED CLOTHING. WASH FROM SKIN WITH SOAP 
AND WATER. LAUNER CLOTHING PRIOR TO RE-USE. EYES: FLUSH W/WATER 
FOR AT LEAST 15 MIN WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTN. 
INHAL: REMOVE VICTIM TO FRESH AIR. ADMINISTER OXYGEN IF NECESSARY. 
INGEST: DO NOT INDUCE VOMITING. GIVE LARGE DOSES OF WATER. GET 
MEDICAL ATTN.  

------------------------  Fire Fighting Measures  ------------------------  

Flash Point Method: PMCC  
Flash Point: 173F, 76C  
Extinguishing Media: WATER SPRAY, FOAM, CO2, DRY CHEMICAL.  
Fire Fighting Procedures: AVOID BREATHING SMOKE. WEAR NIOSH/MSHA 
APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT. COOL FIRE EXPOSED 
CONTAINERS WITH WATER.  
Unusual Fire/Explosion Hazard: NONE.  

------------------------  Accidental Release Measures  ------------------------  

Spill Release Procedures: AVOID CONTACT WITH LIQUID AND VAPORS. WIPE 
WITH A CLOTH OR COLLECT ON ABSORBENT MATERIAL. LARGE SPILLS: DIKE & 
CONTAIN. PUMP OR SHOVEL INTO SALVAGE VESSELS.  
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.  

------------------------  Handling and Storage  ------------------------  

Handling and Storage Precautions: STORE IN A COOL, DRY AREA IN TIGHTLY 
CLOSED CONTAINERS. AVOID CONTACT WITH SKIN & EYES. USE WITH 
ADEQUATE VENTILATION. MAY CAUSE SKIN IRRIT.  
Other Precautions: FOR INDUSTRIAL USE ONLY.  

------------------------  Exposure Controls/Personal Protection  ------------------------  

Respiratory Protection: FOR EXCESSIVE VAPORS OR TO MAINTAIN BELOW TLV 
LIMITS. NIOSH/MSHA APPROVED RESPIRATOR FOR ORGANIC VAPORS IN 
Ventilation: LOCAL EXHAUST OR MECHANICAL (GENERAL).  
Protective Gloves: IMPERVIOUS RUBBER.  
Eye Protection: SPLASH-PROOF CHEMICAL GOGGLES.  
Other Protective Equipment: FOR PROLONGED EXPOSURE, IMPERVIOUS CLTHG AND 
BOOTS TO MINIMIZE PERSONAL CONTACT. EYE-WASH STATION, SAFETY 
SHOWER.  
Work Hygienic Practices: USE GOOD HYGIENE PRACTICES.  
Supplemental Safety and Health  
CARCIN comments: 1991: ANTICIPATED TO BE CARCINOGEN. ANIMAL: NERVOUS 
SYS, RESP, CARDIO, LIV EFTS.  

------------------------  Physical/Chemical Properties  ------------------------  

HCC: V4
Boiling Pt: B.P. Text: >225F, >107C
Vapor Pres: NIL
Vapor Density: > 1
Spec Gravity: 1.20 (H2O=1)
Evaporation Rate & Reference: < 1 (BUAC=1)
Solubility in Water: NEGLIGIBLE
Appearance and Odor: SMOOTH GRAY PASTE
Percent Volatiles by Volume: 0

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

Stability Indicator/Materials to Avoid: YES
STRONG OXIDIZING AGENTS, STRONG ACIDS AND BASES.
Stability Condition to Avoid: ELEVATED TEMPERATURES. AVOID LARGE MIXTURES IN BULK; CURING PROCESS IS EXOTHERMIC.
Hazardous Decomposition Products: OXIDES OF CARBON AND NITROGEN.

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

Waste Disposal Methods: CURE, THEN BURY OR INCINERATE WHERE PERMITTED BY FEDERAL, STATE AND LOCAL REGULATIONS. REMOVE SALVAGE VESSELS TO A WASTE DISPOSAL SITE OPERATING IN COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

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