

URETHANE ISOCYANATE

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2/6/2007HMIS CODES: H F R
2 1 0

PRODUCT CODE: S7412A-SC55

===== SECTION I - MANUFACTURER IDENTIFICATION =====

MANUFACTURER'S NAME: EPIC RESINS
ADDRESS : 600 Industrial Drive
Palmyra, WI 53156EMERGENCY PHONE : (800)-424-9300 EFFECTIVE DATE : 11/08/06
INFORMATION PHONE : (262) 495-3400

===== SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION =====

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE MM HG @ TEMP	WEIGHT PERCENT
* POLYMERIC DIPHENYLMETHANE DIISOCYANATE THIS PRODUCT CONTAINS 45% 4,4'-DIPHENYLMETHANE DIISOCYANATE (MDI) CAS 101-68-8 WHICH IS SARA 313 REPORTABLE - OSHA: .020 PPM CEILING .020 MG/M3 CEILING ACGIH: .005 PPM TWA .051 MG/M3 TWA	9016-87-9	<0.00001 77 F	91 - 100%
BUTYL BENZYL PHTHALATE NONE ESTABLISHED. REPORTABLE QUANTITY = 100 LBS.	85-68-7	.000011 20 C	0 - 10%

* Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

IF THIS PRODUCT CONTAINS PARTICULATES (FILLERS), THEY ARE BLENDED INTO A LIQUID AND POSE NO HAZARD AS SUPPLIED. THEY MAY HOWEVER BE RELEASED IF FINAL PRODUCT IS MACHINED, I.E. SANDED, CUT, ETC. THESE INGREDIENTS ARE LISTED BELOW.

NONE

INFORMATION CONCERNING ITEMS LISTED AS PROPRIETARY WILL BE DISPENSED TO HEALTH AND SAFETY PROFESSIONALS AS REQUIRED BY 29CFR 1910.1200 (OSHA HAZARD COMMUNICATIONS STANDARD).

TSCA INVENTORY STATUS: ALL COMPONENTS OF THIS PRODUCT ARE LISTED ON THE TSCA INVENTORY.

===== SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS =====

BOILING RANGE: NOT DETERMINED. SPECIFIC GRAVITY (H2O=1): 1.237
VAPOR DENSITY: NOT DETERMINED. EVAPORATION RATE: NOT DETERMINED.
COATING V.O.C.: 0.0026 lb/gl MATERIAL V.O.C.: 0.0026 lb/gl
SOLUBILITY IN WATER: NOT DETERMINED.
APPEARANCE AND ODOR: REFER TO PRODUCT BULLETIN.

===== SECTION IV - FIRE AND EXPLOSION HAZARD DATA =====

SKIN ABSORPTION MAY BE HARMFUL. MAY CAUSE SKIN SENSITIZATION OR OTHER ALLERGIC REACTIONS. MAY CAUSE PAIN, ITCHING, DISCOMFORT OR DERMITITIS.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

INGESTION CAN RESULT IN IRRITATION AND CORROSIVE ACTION IN THE MOUTH, STOMACH TISSUE AND DIGESTIVE TRACT. SYMPTOMS CAN INCLUDE SORE THROAT, ABDOMINAL PAIN, NAUSEA, VOMITING AND DIARRHEA.

HEALTH HAZARDS (ACUTE AND CHRONIC)

MAY BE IRRITATING TO EYES, SKIN AND MUCOUS MEMBRANES. MAY CAUSE REDNESS, SWELLING OR DERMITITIS. PROLONGED CONTACT OR VAPOR OVEREXPOSURE MAY CAUSE ALLERGIC REACTIONS, SENSITIZATION, COUGHING OR SORE THROAT.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

ASTHMA, OTHER RESPIRATORY DISORDERS (BRONCHITIS, EMPHYSEMA, BRONCHIAL HYPERACTIVITY), SKIN ALLERGIES, ECZEMA.

EMERGENCY AND FIRST AID PROCEDURES

FOR EYES, FLUSH WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. SEEK MEDICAL ATTENTION. FOR SKIN, REMOVE CONTAMINATED CLOTHING AND WASH THOROUGHLY WITH SOAP AND WATER. FOR INHALATION, MOVE VICTIM TO FRESH AIR, ADMINISTER OXYGEN OR ARTIFICIAL RESPIRATION AS NEEDED. SEEK MEDICAL ATTENTION. FOR INGESTION, DO NOT INDUCE VOMITING. GIVE 1 TO 2 CUPS OF MILK OR WATER TO DRINK. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. CONSULT PHYSICIAN.

===== SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE =====**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

EVACUATE AND VENTILATE SPILL AREA; DIKE SPILL TO PREVENT ENTRY INTO WATER SYSTEM. WEAR FULL PROTECTIVE EQUIPMENT. ABSORB WITH INERT MATERIAL. SPILL CAN BE NEUTRALIZED WITH THE FOLLOWING SOLUTION (90% WATER, 8% AMMONIA, 2% DETERGENT). ADD ABOUT 10 PARTS OF NEUTRALIZER PER PART OF ISOCYANATE. SCOOP INTO DISPOSAL CONTAINERS. DO NOT SEAL WASTE CONTAINERS AS CO₂ EVOLUTION CAN CAUSE PRESSURE BUILDUP AND CONTAINER RUPTURE.

WASTE DISPOSAL METHOD

INCINERATE OR BURY IN LANDFILL IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS. INCINERATION IS THE PREFERRED METHOD OF DISPOSAL.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

STORE IN TIGHTLY CLOSED CONTAINERS TO PREVENT MOISTURE CONTAMINATION. CARE SHOULD BE TAKEN TO AVOID CONTACT WITH SKIN AND EYES. DO NOT BREATHE AEROSOLS OR VAPORS. KEEP AWAY FROM FOOD AND DRINK.

OTHER PRECAUTIONS

DISPOSE OF ALL CONTAMINATED LEATHER ITEMS. LEATHER CANNOT BE DECONTAMINATED.

===== SECTION VIII - CONTROL MEASURES =====

EPIC RESINS GIVES ALL INFORMATION HEREIN CONTAINED IN GOOD FAITH. DUE TO DIFFERENT APPLICATIONS, THE END USER SHOULD MAKE THE FINAL DETERMINATION AS TO THE PROPER EQUIPMENT AND CONTROLS TO BE USED WITH THIS PRODUCT.

RESPIRATORY PROTECTION

SELF-CONTAINED OR AIR SUPPLIED RESPIRATOR WITH FULL FACE PIECE WHERE TLV IS EXCEEDED. CARTRIDGE RESPIRATORS ARE NOT RECOMMENDED DUE TO THE POOR WARNING PROPERTIES OF ISOCYANATES. EXPOSED PERSONS WILL NOT BE ABLE TO SMELL THE MATERIAL UNTIL THE TLV HAS BEEN EXCEEDED.

VENTILATION

LOCAL EXHAUST.

PROTECTIVE GLOVES

PERMEATION RESISTANT GLOVES (BUTYL RUBBER, NITRILE RUBBER, PVC OR POLYVINYL ALCOHOL).

EYE PROTECTION

GLASSES WITH SIDE SHIELDS, CHEMICAL SPLASH GOGGLES AND/OR FACE SHIELD.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

EYE WASH STATION AND SAFETY SHOWER. IMPERVIOUS CLOTHING.

WORK/HYGIENIC PRACTICES

WASH AT THE END OF EACH WORKSHIFT AND BEFORE EATING, DRINKING, SMOKING OR USING THE RESTROOM. PROMPTLY REMOVE CLOTHING THAT BECOMES CONTAMINATED. EXAMINE PROTECTIVE GLOVES BEFORE USING. LAUNDRY OR PROPERLY DISPOSE CONTAMINATED CLOTHING ARTICLES.

===== SECTION IX - OTHER INFORMATION =====

THE INFORMATION HEREIN IS GIVEN IN GOOD FAITH, BUT NO WARRANTY EXPRESSED OR IMPLIED IS MADE. EPIC RESINS URGES USERS OF THIS PRODUCT TO EVALUATE ITS SUITABILITY AND COMPLIANCE WITH LOCAL REGULATIONS AS EPIC RESINS CANNOT FORESEE THE FINAL USE OF THE PRODUCT, NOR THE FINAL LOCATION OF USAGE.