

ITW PHILADELPHIA RESINS -- ITW RAMSET EPCON SYSTEM RESIN  
MATERIAL SAFETY DATA SHEET

NSN: 804000F039251

Manufacturer's CAGE: 20420

Part No. Indicator: B

Part Number/Trade Name: ITW RAMSET EPCON SYSTEM RESIN

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General Information  
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Company's Name: ITW PHILADELPHIA RESINS CORPORATION

Company's Street: 130 COMMERCE DRIVE

Company's P. O. Box: 309

Company's City: MONTGOMERYVILLE

Company's State: PA

Company's Country: US

Company's Zip Code: 18936

Company's Emerg Ph #: 215-855-8450

Company's Info Ph #: 215-855-8450

Record No. For Safety Entry: 001

Tot Safety Entries This Stk#: 001

Status: FE

Date MSDS Prepared: 21JUN92

Safety Data Review Date: 28AUG97

Preparer's Company: ITW PHILADELPHIA RESINS CORPORATION

Preparer's St Or P. O. Box: 130 COMMERCE DRIVE

Preparer's City: MONTGOMERYVILLE

Preparer's State: PA

Preparer's Zip Code: 18936

MSDS Serial Number: BYJBM

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Ingredients/Identity Information  
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Proprietary: NO

Ingredient: BISPHENOL A DIGLYCIDYL ETHER RESIN, EPOXY RESIN, EPON 820,  
ARALDITE 6004, AMINE ADDUCT, ARALDITE GY250 \*97-2\*

Ingredient Sequence Number: 01

Percent: >60

NIOSH (RTECS) Number: KD4380000

CAS Number: 25068-38-6

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Proprietary: NO

Ingredient: CATALYST AMORPHOUS SILICA, DI-ME SILOXANES & SILICONES \*97-2\*

Ingredient Sequence Number: 02

Percent: 1-5

NIOSH (RTECS) Number: 1008099CS

CAS Number: 67762-90-7

Proprietary: NO

Ingredient: TALC (POWDER), (ASBESTOS FREE), TALCUM; HYDROUS MAGNESIUM SILICATE (IARC - GROUP 3) \*97-2\*

Ingredient Sequence Number: 03

Percent: 5-10

NIOSH (RTECS) Number: WW2710000

CAS Number: 14807-96-6

OSHA PEL: 2 MG/CUM (RESP DUST)

ACGIH TLV: 2 MG/CUM (RESP DUST)

Proprietary: NO

Ingredient: TITANIUM DIOXIDE, TITANIUM OXIDE (SUSPECTED ANIMAL CARCINOGEN, IARC GROUP 3) \*97-2\*

Ingredient Sequence Number: 04

Percent: 1-5

NIOSH (RTECS) Number: XR2275000

CAS Number: 13463-67-7

OSHA PEL: 15 MG/CUM

ACGIH TLV: 10 MG/CUM (DUST)

Proprietary: NO

Ingredient: GLASS OXIDE, FIBER GLASS WOOL, LEAD BOROSILICATE GLASS ENAMEL FLUX

Ingredient Sequence Number: 05

Percent: 5-10

NIOSH (RTECS) Number: 1007116GO

CAS Number: 65997-17-3

Physical/Chemical Characteristics

Appearance And Odor: WHITE PASTE W/MILD EPOXY ODOR

Specific Gravity: 1.5

Solubility In Water: NEGLIGIBLE

Percent Volatiles By Volume: 0

Fire and Explosion Hazard Data

Flash Point: >250F

Extinguishing Media: FOAM, CO2, DRY CHEMICAL  
Special Fire Fighting Proc: USE SCBA & PROTECTIVE CLOTHING.

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### Reactivity Data

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Stability: YES

Cond To Avoid (Stability): OPEN FLAME, HIGH TEMPS.

Materials To Avoid: STRONG OXIDIZING AGENTS & STRONG LEWIS/MINERAL ACIDS.

Hazardous Decomp Products: CO2, CO, ALDEHYDES, ACIDS.

Hazardous Poly Occur: NO

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### Health Hazard Data

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LD50-LC50 Mixture: ORAL LD50(RAT): 11.4 G/KG EPOXY RESIN

Route Of Entry - Inhalation: NO

Route Of Entry - Skin: NO

Route Of Entry - Ingestion: NO

Health Haz Acute And Chronic: SKIN: MODERATELY IRRITATING & MAY CAUSE SENSITIZATION. EYES: MODERATELY IRRITATING.

Carcinogenicity - NTP: NO

Carcinogenicity - IARC: NO

Carcinogenicity - OSHA: NO

Explanation Carcinogenicity: NONE

Signs/Symptoms Of Overexp: IRRITATION, RASHES, HIVES.

Med Cond Aggravated By Exp: PRE-EXISTING SKIN ALLERGIES. PRE-EXISTING SKIN & EYE DISORDERS.

Emergency/First Aid Proc: EYES: IMMEDIATELY FLUSH W/PLENTY OF WATER FOR 15 MINS. SKIN: WIPE & FLUSH W/PLENTY OF WATER FOR 15 MINS. USE SOAP/ FOLLOW BY WASHING W/SOAP & WATER. INHALATION: REMOVE TO FRESH AIR & PROVIDE OXYGEN IF

NEEDED. INGESTION: DON'T INDUCE VOMITING. OBTAIN MEDICAL ATTENTION IN ALL CASES. NOTE TO PHYS: IN GENERAL, EMESIS INDUCTION IS UNNECESSARY IN HIGH VISCOSITY, LOW VOLATILITY PRODUCTS.

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### Precautions for Safe Handling and Use

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Steps If Matl Released/Spill: AVOID PERSONAL CONTACT. TAKE UP W/ABSORBENT MATERIAL. PLACE IN A SUITABLE CONTAINER FOR WASTE DISPOSAL.

Waste Disposal Method: DISPOSE OF IAW/FEDERAL, STATE & LOCAL REGULATIONS.

Precautions-Handling/Storing: STORE IN A COOL DRY PLACE W/ADEQUATE VENTILATION. KEEP AWAY FROM OPEN FLAME & HIGH TEMPS.

Other Precautions: AVOID SKIN CONTACT & BREATHING OF VAPORS. HANDLE IN ACCORDANCE W/THE HAZARD POTENTIAL OF CURING AGENT.

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**Control Measures**  
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Respiratory Protection: DUSK MASK SHOULD BE WORN DURING ANY GRINDING/  
MACHINING PROCEDURES ON CURED RESINS.

Ventilation: GENERAL: GOOD GENERAL IS ADEQUATE FOR MOST INDUSTRIAL  
APPLICATIONS. LOCAL EXHAUST: IN CONFINED AREAS/EXCEEDS TLVS.

Protective Gloves: REQUIRED

Eye Protection: SAFETY GLASSES/GOGGLES

Other Protective Equipment: CHEMICAL RESISTANT/IMPERVIOUS RUBBER/PLASTIC,  
CLEAN LONG LEG & SLEEVED CLOTHING.

Work Hygienic Practices: REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE  
REUSE.

Suppl. Safety & Health Data: WASH THOROUGHLY AFTER HANDLING & BEFORE  
SMOKING, EATING/USING TOILET FACILITIES.

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**Transportation Data**  
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**Disposal Data**  
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**Label Data**  
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Label Required: YES

Label Status: G

Common Name: ITW RAMSET EPCON SYSTEM RESIN

Special Hazard Precautions: SKIN: MODERATELY IRRITATING & MAY CAUSE  
SENSITIZATION. EYES: MODERATELY IRRITATING. IRRITATION, RASHES, HIVES.

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