

PHILADELPHIA RESINS CORP -- PHILLYBOND # 6 HARDENER, PART A -- 4730-00-542-3362
===== Product Identification =====

Product ID:PHILLYBOND # 6 HARDENER, PART A
MSDS Date:12/17/1990
FSC:4730
NIIN:00-542-3362
MSDS Number: BQDKZ
=== Responsible Party ===
Company Name:PHILADELPHIA RESINS CORP
Address:130 COMMERCE DR
Box:454
City:MONTGOMERYVILLE
State:PA
ZIP:18936
Country:US
Info Phone Num:215-855-8450
Emergency Phone Num:215-855-8450/800-424-9300(CHEMTREC)
CAGE:20420
=== Contractor Identification ===
Company Name:ITW PHILADELPHIA RESINS
Address:130 COMMERCE DR
Box:City:MONTGOMERYVILLE
State:PA
ZIP:18936
Country:US
Phone:215-855-8450
CAGE:20420

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

Ingred Name:MODIFIED POLYAMIDE
Fraction by Wt: 10-30%
Other REC Limits:NONE RECOMMENDED

Ingred Name:TRIETHYLENE TETRAMINE
CAS:112-24-3
RTECS #:YE6650000
Fraction by Wt: 5-10%
Other

REC Limits:NONE RECOMMENDED

Ingred Name:PHENOL (SARA III) (SARA III)

CAS:108-95-2

RTECS #:SJ3327000

Fraction by Wt: 5-10%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 PPM;SKIN

ACGIH TLV:5 PPM;SKIN; 9293

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:TALC (CONTAINING NO ASBESTOS)

CAS:14807-96-6

RTECS #:WW2710000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:2 MG/M3 RDUST

ACGIH TLV:2 MG/M3 RDUST; 9293

Ingred Name:PARTICULATES NOT OTHERWISE REGULATED (NUISANCE DUST)

Other REC Limits:NONE RE

COMMENDED

OSHA PEL:15 MG/M3 TDUST

ACGIH TLV:10 MG/M3 TDUST; 8990

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

LD50 LC50 Mixture:LD 50 ORAL RAT IS 416 MG/KG (PHENOL)

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE: MODERATE EYE AND SKIN

IRRITATION. PROLONGED INHALATION OF HEATED VAPORS MAY CAUSE IRRITATION OF THE NOSE, THROAT, AND RESPIRATORY TRACT. LIQUID MAY

CAUSE SEVERE DAMAGE TO MUCOUS MEMBRANE IF SWALLOWED. CHRONIC: REPEATED EXCESSIVE EXPOSURE TO PHENOL HAVE CAUSED LIVER AND KIDNEY EFFECTS IN LABORATORY ANIMALS.

Explanation of Carcinogenicity:NONE OF THE INGREDIENTS IN THIS PRODUCT IS LISTED BY NTP, IARC OR OSHA AS A CARCINOGEN.

Effects of Overexposure:EYES/SKIN: MODERATE IRRITATION. INHALATION: PROLONGED INHALATION OF HEATED VAPORS MAY CAUSE IRRITATION OF THE NOSE, THROAT, AND RESPIRATORY TRACT. INGESTION: LIQUID MAY CAUSE

SEVERE DAMAGE TO MUCOUS M EMBRANE
Medical Cond Aggravated by Exposure:NONE REPORTED.

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

First Aid:EYES: FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET PROMPT MEDICAL ATTENTION. SKIN: WASH WITH SOAP AND WATER FOR AT LEAST 15 MINUTES, IF SYMPTOMS PERSIST, SEE DOCT OR. INHALATION: REMOVE VICTIM TO FRESH AIR. GIVE OXYGEN/CPR IF NEEDED. SEE DOCTOR. INGESTION: DO NOT INDUCE VOMITING. GIVE WATER, OR MILK IF AVAILABLE. SEE DOCTOR IMMEDIATELY.

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

Flash Point Method:PMCC
Flash Point:200F,93C
Extinguishing Media:USE CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.
Unusual Fire/Explosion Hazard:CLOSED CONTAINERS MAY RUPTURE WHEN EXPOSED TO HEAT. COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

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

Spill Release Procedures:AVOID PERSONAL CONTACT. WEAR ADEQUATE PROTECTIVE CLOTHING. ABSORB IN INERT MATERIAL SUCH AS SAND, EARTH OR VERMICULITE, AND PLACE INTO A SUITABLE, LABELED CONTAINER FOR WASTE DISPOSAL. RESIDUE MAY BE CLEANED WITH A SAFETY SOLVENT.

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

Handling and Storage Precautions:STORE IN COOL, DRY, WELL VENTILATED AREA. PROTECT FROM PHYSICAL DAMAGE, HEAT, IGNITION SOURCES AND INCOMPATIBLE MATERIALS. KEEP CONTAINERS CLOSED.
Other Precautions:AVOID EYE AND SKIN CONTACT. DO NOT BREATHE VAPORS. TAKE PROPER PRECAUTIONS AGAINST OVEREXPOSURE TO THE DUSTS THAT MAY BE GENERATED FROM SANDING OR MACHINING THE CURED MATERIAL. THESE WILL INCLUDE TALC, AND NUISANCE DUST.

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

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Respiratory Protection:NONE NORMALLY REQUIRED. NIOSH/MSHA-APPROVED RESPIRATOR IF VENTILATION IS NOT ADEQUATE. SCBA, OR FULL FACE RESPIRATOR FOR EMERGENCIES.

Ventilation:MECHANICAL (GENERAL) VENTILATION.

Protective Gloves:CHEMICAL RESISTANT RUBBER GLOVES.

Eye Protection:SAFETY GLASSES OR GOGGLES.

Other Protective Equipment:LONG SLEEVED CLOTHING.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING, SMOKING OR USING TOILET FACILITIES.

Supplemental Safety and Health

KEK1:N1. THIS IS PART A (HARDENER) OF A TWO PART KIT.

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

HCC:N1

Vapor Density:>1

Spec Gravity:1.72

Evaporation Rate & Reference:NON-VOLATILE

Solubility in Water:APPRECIABLE

Appearance and Odor:BLACK PASTE, WITH AMINE ODOR.

Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid:YES

MINERAL ACIDS, OXIDIZING MATERIALS, AND EPOXY RESINS UNDER UNCONTROLLED CONDITIONS.

Stability Condition to Avoid:AVOID MIXING WITH LARGE QUANTITIES OF RESIN AS HEAT IS EVOLVED. AVOID HIGH HEAT AND OPEN FLAMES.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE, AND OXIDES OF NITROGEN.

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

Waste Disposal Methods:CONTACT YOUR LOCAL ENVIRONMENTAL OFFICER. DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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th this information by the compiling agencies):

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