

K-1100, THORNEL PITCH & THERMALGRAPH BASED ON(SUPDAT)

MSDS Number

CHBMY

National Stock Number

9390-00N085371

Product Name

K-1100, THORNEL PITCH & THERMALGRAPH BASED ON(SUPDAT)

Manufacturer

AMOCO PERFORMANCE PRODUCTS INC

Product Identification

Product ID:K-1100, THORNEL PITCH & THERMALGRAPH BASED ON(SUPDAT)

MSDS Date:06/16/1997

FSC:9390

NIIN:00N085371

MSDS Number: CHBMY

Responsible Party

AMOCO PERFORMANCE PRODUCTS INC

200 EAST RANDOLPH DRIVE

CHICAGO , IL 60601

US

Emergency Phone: 800-424-9300(CHEMTREC)

Info Phone: 312-856-3340;800-222-2448

Cage: 15958

Contractor

AMOCO OIL CO

CHICAGO, IL 60601-6401

US

800 447-8735

Cage: 15958

Ingredients

CARBON; (CARBON FIBER, PITCH BASED)

CAS: 7440-44-0

RTECS: FF5250100

Fraction By Weight: 100%

OSHA PEL15 MG/M3 TDUST

ACGIH TLV: 2 MG/M3 TDUST

ARE USED/HNDLD SHOULD BE PROPERLY PROTECTED AGAINST

RTECS: 9999999ZZ

INVOLVING CHRONIC APPLICATION OF PITCH

RTECS: 9999999ZZ

WEAK LOC TUMORIGENIC RESPONSE. BENZENE EXTRACT OF

RTECS: 9999999ZZ

GENETIC EFTS.

RTECS: 9999999ZZ

MEETS CRITERIA FOR BEING TOX, CORR,

RTECS: 9999999ZZ

SUBPART C). THIS MATL COULD ALSO BECOME HAZ WASTE IF

RTECS: 9999999ZZ

IF IT IS HAZ WASTE, REGS IN 40 CFR 262-266, 268, 270

RTECS: 9999999ZZ

FIBERS. NIOSH REC EXPOS LIM OF 3 FIBERS/CC FOR

RTECS: 9999999ZZ

RECS EXPOS GUIDELINE OF 3 FIBERS/CC UP TO 10

RTECS: 9999999ZZ

CONSERVATIVE APPROACH & INCLS ALL FIBER DIAMETERS IN

RTECS: 9999999ZZ

OUR MFG OPERATIONS HAVE BEEN LOW-TYPICALLY 0.01-0.02

RTECS: 9999999ZZ

CHOPPING OPERATIONS.

RTECS: 9999999ZZ

Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO

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

Health Hazards Acute and Chronic:THIS PROD HAS BEEN EVAL & DOES NOT REQ ANY HAZ WARNING ON LBL UNDER OSHA CRITERIA. HNDLG &/OR PROCESSING OF THIS MATL MAY GENERATE AIRBORNE FIBERS & PARTICLES WHICH CAN CAUSE MECH IRRIT OF EYES, SKIN, NOSE & THROAT. EYE/SKIN CONT:NO SIGNIFICANT HLTH HAZS IDENTIFIED. PARTICLES/FIBERS MAY CAUSE SLIGHT (EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:HLTH HAZ:DISCOMFORT SIMILAR TO GETTING DUST IN EYE/RUBBING SAND AGAINST SKIN. INHAL:NO SIGNIFICANT IRRIT EXPECTED OTHER THAN POSS MECH IRRIT. INGEST:NO SIGNIFICANT HLTH HAZS IDENTIFIED. TOX INFO:DENSE DUST GENERATED BY HNDLG &/OR PROCESSING OF THIS MATL MAY BE IRRIT TO EYES, SKIN, NOSE & THROAT. STUDIES

(ING 3)

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

First Aid

First Aid:EYES:FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION IF IRRITATION PERSISTS. SKIN:WASH EXPOSED SKIN W/SOAP & WATER. INHAL:REMOVE TO UNCONTAMINATED AREA. GET MEDICAL ATTENTION. I NGEST:IF LARGE AMOUNT IS SWALLOWED, GETMEDICAL ATTENTION.

Fire Fighting

Extinguishing Media:AGENTS APPROVED FOR CLASS A HAZARDS (E.G., FOAM, STEAM) OR WATER FOG.

Fire Fighting Procedures:USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT .

Unusual Fire/Explosion Hazard:FIBER, DUST & FIBROUS PARTICLES ARE ELECTRICALLY CONDUCTIVE & CAN CAUSE SHORTING IN ELEC EQUIP. EXPLO SHORTING OF HIGH VOLTAGE SYSTEMS IS POSS. CARBON (SUPDAT)

Accidental Release

Spill Release Procedures:CONTAIN & REMOVE BY MECHANICAL MEANS. VACUUM OR SWEEP OUT; AVOID PRODUCING DUST.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:MINIMIZE DUST GENERATION & ACCUMULATION. NO SPECIAL STORAGE REQUIREMENTS.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

Exposure Controls

Respiratory Protection:IF VENT IS INADEQ, USE NIOSH APPRVD RESP THAT WILL PROT AGAINST DUST/MIST. CURRENTLY NO HLTH STDS EXIST FOR EMPLOYEE EXPOS TO CARBON FIBERS. IN 1977, NIOSH PROPOSED THAT THEIR REC STD FOR FIBROUS GLAS S BE APPLIED TO OTHER MAN-MADE (ING 9)

Ventilation:NO SPECIAL CONTROLS NECESSARY. LOCAL EXHAUST VENTILATION MAY BE NECESSARY FOR SOME OPERATIONS.

Protective Gloves:IMPERVIOUS GLOVES .

Eye Protection:ANSI APPROVED CHEM WORKERS GOGGS .

Other Protective Equipment:ANSI APPRVD EYE WASH FOUNTAIN & DELUGE SHOWER. LONG SLEEVE-GARMENTS W/TIGHT-FITTING CUFFS & USE OF BARRIER(SUPDAT)

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

MFR'S TRADE NAME/PART NO:HIGH & ULTRA-HIGH MODULUS FIBER. OTHER PROT EQUIP:CREAMS/TALCUM PROVIDE ADDNL PROT TO SKIN. EXPLO HAZ:FIBERS ARE ELECTRONICALLY CONDUCTIVE & MAY CAUSE SHORT CIRCUITS WHICH RSL T IN DMG TO/MALFUNCTIONING ELEC EQUIP. ALL FORMS OF ELEC EQUIP, ENCLOSURES & CIRCUITS IN/NEAR AREAS WHERE FIBERS (ING 2)

Chemical Properties

Melt/Freeze Pt:M.P/F.P Text:6512F,3600C

Solubility in Water:NEGLIGIBLE; Appearance and Odor:BLACK CARBON FIBER, FABRIC OR CLOTH.

Stability

Stability Indicator/Materials to Avoid:YES
NONE IDENTIFIED.

Stability Condition to Avoid:AVOID GENERATING DUST.

Hazardous Decomposition Products:NONE IDENTIFIED.

Disposal

Waste Disposal Methods:DISP MUST BE I/A/W APPLIC FED, STATE/LOC REGS. DO NOT INCIN. BURIAL AT PERMITTED LANDFILL IS REC. RCRA:THIS UNUSED MATL, WHEN DISCARDED/DISP OF, IS NOT SPECIFICALLY LISTED AS HAZ WASTE IN FED REGS; HO WEVER, IT COULD BE CONSIDERED HAZ IF IT(ING 6)

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