

KOPPERS COMPANY, INC. -- BITUMASTIC 50 -- 8030-00-275-8121

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Product Identification
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Product ID:BITUMASTIC 50
MSDS Date:12/01/1987
FSC:8030
NIIN:00-275-8121
MSDS Number: BDSHQ
=== Responsible Party ===
Company Name:KOPPERS COMPANY, INC.
Address:436 SEVENTH AVENUE
City:PITTSBURGH
State:PA
ZIP:15219
Country:US
Info Phone Num:1-800-556-7737
Emergency Phone Num:1-800-553-5631
CAGE:EO463

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Contractor Identification ===
Company Name:KOP-COAT INC
Address:436 7TH AVENUE
City:PITTSBURGH
State:PA
ZIP:15219-1818
Country:US
Phone:800-553-5631, CHEMTREC 800-424-9300
CAGE:00297
Company Name:KOPPERS COMPANY, INC.
CAGE:EO463

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Composition/Information on Ingredients
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Ingred Name:COAL TAR PITCH
CAS:8007-45-2
RTECS #:GF8600000
Fraction by Wt: 20%
OSHA PEL:0.2 MG/M3
ACGIH TLV:0.2 MG/M3

Ingred Name:CREOSOTE (SARA III)
CAS:8001-58-9
RTECS #:GF8615000
Fraction by Wt:

25%
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:NAPHTHALENE (SARA III)
CAS:91-20-3
RTECS #:QJ0525000
Fraction by Wt: 2%
OSHA PEL:10 PPM/15 STEL
ACGIH TLV:10 PPM/15 STEL; 9192
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

Ingred Name:INDENE
CAS:95-13-6
RTECS #:NK8225000
Fraction by Wt: 15%
OSHA PEL:10 PPM
ACGIH TLV:10 PPM; 9192

Ingred Name:BENZENE (SARA III)
CAS:71-43-2
RTECS #:CY1400000
Fraction by Wt: 0.5%
OSHA PEL:1PPM/5STEL;1910.1028
ACGIH TLV:10 PPM; A2; 9192
EPA Rpt Qty:10 LBS
DOT Rpt Qty:
10 LBS

Ingred Name:XYLENES (O-,M-,P- ISOMERS) (SARA III)
CAS:1330-20-7
RTECS #:ZE2100000
Fraction by Wt: 2%
OSHA PEL:100 PPM/150 STEL
ACGIH TLV:100 PPM/150STEL;9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES
Health Hazards Acute and Chronic:MATERIAL CAN BE ABSORBED THROUGH THE
SKIN PRODUCING INTERNAL ORGAN DA

MAGE & POSSIBLE DEATH. REPEATED

AND/OR PROLONGED CONTACT MAY CAUSE SERIOUS SKIN DISORDERS INCLUDING CANCER. CHRONIC OVEREXPOSURE BY INHALATION MAY LEAD TO LEUKEMIA. INGESTION OF MATERIAL MAY CAUSE GASTROINTESTINAL DISTURBANCES.

Explanation of Carcinogenicity: BENZENE-IARC LISTS AS CARCIN IN HUMANS. ALSO LISTED IN NTP 3RD ANNUAL REPORT ON CARCINOGENS & IN OSHA SUBPART Z TABLE.

Effects of Overexposure: EYE-VAPOR CAN CAUSE IRRITATION AND/OR CORNEAL CHANGES. DIRECT EYE CONTACT, IRRITATION. SKIN-CAN BE ABSORBED THROUGH

THE SKIN PRODUCING INTERNAL ORGAN DAMAGE AND POSSIBLY DEATH. INHALE-OVEREXPOSURE TO VA POR MAY RESULT IN RESPIRATORY TRACT IRRITATION. INGESTION- GASTROINTESTINAL DISTURBANCES.

Medical Cond Aggravated by Exposure: PERSONS WITH DISEASE OF LIVER, KIDNEY, SKIN, EYE, CNS, RESPIRATORY SYSTEM, BLOOD FORMING ORGANS, OR WITH BLEEDING ABNORMALITIES ARE AT A GREATER THAN NORMAL RISK OF DEVELOPING ADVERSE HEALTH EFFECTS.

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First Aid Measures

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First Aid Measures

First Aid: EYE-IMMED FLUSH W/LGE AMTS OF WATER FOR 15 MIN. SEEK MED AID. SKIN-WASH THOROUGHLY W/SOAP & WATER OR WATERLESS HAND CLEANER. MOLTEN PROD CONTACT-DO NOT REMOVE CONTAM CLOTH. FLUSH SKIN IMMED W/ LGE AMTS OF COLD WATER. SEEK MED AID. INHALE-REMOVE FROM EXPOSURE. IF BREATH HAS STOPPED OR IS DIFFICULT, ADMIN ARTIF RESPIR OR OXY. SEEK MED AID. INGEST- DO NOT INDUCE VOMIT. GIVE 1 TO 2 GLASSES OF MILK. SEEK MED AID.

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Fire Fighting Measures

Flash Point Method: PMCC

Flash Point: 100F-38C

Extinguishing Media: DRY CHEMICAL, CARBON DIOXIDE, FOAM OR WATER SPRAY. WATER OR FOAM MAY CAUSE FROTHING, IF MOLTEN.

Fire Fighting Procedures: WEAR COMPLETE FIRE SERVICE PROTECTIVE EQUIPMENT, INCLUDING FULL-FACE MSHA/NIOSH APPROVED SELF-CONTAIN BREATHING APPARATUS. TOXIC VAPORS MAY BE GIVEN OFF IN FIRE.

Unusual Fire/Explosion Hazard: DURING FIRES, VAPORS/DECOMPOSITION PRODUCTS MAY BE RELEASED

FORMING FLAMMABLE/EXPLOSIVE MIX IN

AIR.CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT.

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

Spill Release Procedures:STOP LEAK IF NO RISK INVOLVED. STAY UPWIND.
SMALL SPILLS: TAKE UP WITH SAND OR OTHER NONCOMBUSTIBLE ABSORBENT
MATERIAL. FLUSH AREA WITH WATER. DIKE LARGE SPILLS FOR LATER
DISPOSAL. CONTAIN RUNOFF FROM FIRE CONTROL AND DILUTION WATER.

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

Handling and Storage Precautions:STORE IAW OSHA 1910.106.KEEP IN
CLOSED, LABELED CONTAINER WITHIN A COOL, DRY, VENTILATED AREA.
PROTECT FROM PHYSICAL DAMAGE.
Other Precautions:DO NOT USE UNTIL MANUFACTURER'S PRECAUTIONS HAVE BEEN
READ/UNDERSTOOD. DO NOT WEAR CONTACT LENS WITHOUT PROPER EYE
PROTECTION.

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

Respiratory Protection:USE MSHA/NIOSH APPROVED UNITS PER CURRENT
29CFR1910.134 & MFR'S "INSTRU
CTIONS" & "WARNINGS".COMBINATION
FILTER/ ORGANIC VAPOR CARTRIDGE OR CANISTER MAY BE USED. FULL-FACE
PIECE RESPIRATORY PROTECTIVE UNITS REQUIRED.
Ventilation:GENERAL/LOCAL EXHAUST VENTILATION IN PATTERN/VOLUME TO
CONTROL INHALATION EXPOSURES BELOW CURRENT EXPOSURE LIMITS.
Protective Gloves:INDUSTRIAL RESISTANT FLEXIBLE-TYPE
Eye Protection:INDUSTRIAL SAFETY GLASSES, MINIMUM
Other Protective Equipment:INDUSTRIAL TYPE WORK CLOTHING AND SAFETY
FOOTWEAR. DEPENDING ON WORKING CONDI
TION S, I.E., CONTACT POTENTIAL,
WEAR (SUP)
Work Hygienic Practices:WASH EXPOSED AREAS PROMPT & THOROUGH AFTER SKIN
CONTACT & BEFORE EATING, DRINKING, USING TOBACCO PRODUCTS OR REST
ROOMS.
Supplemental Safety and Health
IMPERVIOUS PROTECTIVE GARMENTS SUCH AS HEAD/ NECK COVER, APRONS,
JACKETS, PANTS, COVERALLS, BOOTS, ETC. DO NOT TAKE INTERNALLY.

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

HCC:F4
Spec Gravity:10.7 LBS/GL
Evaporation Rate & Reference:VERY SL

OW
Solubility in Water:NIL
Appearance and Odor:BLACK LIQUID WITH COAL TAR ODOR
Percent Volatiles by Volume:32

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

Stability Indicator/Materials to Avoid:YES
OXIDIZING MATERIALS. CONTACT WITH PVC PIPE.
Stability Condition to Avoid:NONE
Hazardous Decomposition Products:TOXIC FUMES.

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

Waste Disposal Methods:PRODUCT IS US EPA DEFINED IGNITABLE HAZ WASTE.
DISPOSE OF AS AN IGNITABLE HAZ WASTE IAW LOCAL,STATE & FED
REGS.PLACE IN TIGHTLY SEALED LABELED CONTAINER THIS PRODUCT
RELEASED INTO THE ENVIRON MUST BE REPORTED TO NRC
(1-800-424-8802).RQ IS 100 LBS.

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