

AMERITEX CHEMICAL & COATINGS (FORMERLY KOPPERS CO) -- MIL-L-19537C AM3 (11136 RED) --
8010-00-551-7934

===== Product Identification =====

Product ID:MIL-L-19537C AM3 (11136 RED)

MSDS Date:08/01/1990

FSC:8010

NIIN:00-551-7934

MSDS Number: BMSNB

=== Responsible Party ===

Company Name:AMERITEX CHEMICAL & COATINGS (FORMERLY KOPPERS CO)

Address:801 E LEE

Box:151284

City:IRVING

State:TX

ZIP:75060-3053

Country:US

Info Phone Num:214-438-1913

Emergency Phone Num:214-43

8-1913

Preparer's Name:CAROL HOPE

CAGE:06613

=== Contractor Identification ===

Company Name:AMERITEX CHEMICAL & COATINGS (FORMERLY KOPPERS CO)

Address:801 E LEE

Box:City:IRVING

State:TX

ZIP:75060-3053

Country:US

Phone:972-438-1913

CAGE:06613

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

Ingred Name:LEAD CHROMATE (AS CHROMIUM VI) (SARA 313)

CAS:7758-97-6

RTECS #:GB2975000

Fraction by Wt: 1-5%

Other REC Limits:NIOSH:1 MG CR(IV)/M3

OSHA PEL:1MG CRO3/M3 CEIL

ACGIH TLV:0.05 M

G/M3

Ingred Name:(AS LEAD) (SARA 313)
CAS:7439-92-1
RTECS #:OF7525000
Fraction by Wt: .5-.6%
Other REC Limits:NONE SPECIFIED
OSHA PEL:0.05 MG/M3
ACGIH TLV:0.15 MG/M3
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:METHYL ETHYL KETONE (SARA 313)
CAS:78-93-3
RTECS #:EL6475000
Fraction by Wt: 30-35%
Other REC Limits:NONE SPECIFIED
ACGIH TLV:200 PPM/300 PPM STEL
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:TOLUENE (SARA III)
CAS:108-88-3
RTECS #:XS5250000
Fraction by Wt: 5-10%
Other REC L
imits:*500PPM-10 MIN PEAK
OSHA PEL:200 PPM/150 STEL
ACGIH TLV:50 PPM; 9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:ISOPROPYL ALCOHOL (NIOSH: 400 PPM-10 HR TWA, 800 PPM-15 MIN
CEIL)
CAS:67-63-0
RTECS #:NT8050000
Fraction by Wt: 1-5%
Other REC Limits:NONE SPECIFIED
OSHA PEL:400 PPM/980 MG/M3
ACGIH TLV:400 PPM/500 PPM STEL

Ingred Name:DI(2-ETHYLHEXYL)PHTHALATE (SARA 313)
CAS:117-81-7
RTECS #:TI0350000
Fraction by Wt: 5-10%
Other REC Limits:NONE SPECIFIED
OSHA PEL:5 MG/M3
ACGIH T

LV:5MG/M3/10 MG/M3 STEL
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

Ingred Name:METHYL ISOBUTYL KETONE (SARA 313)
CAS:108-10-1
RTECS #:SA9275000
Fraction by Wt: 5-10%
Other REC Limits:NONE SPECIFIED
OSHA PEL:100 PPM/75 STEL
ACGIH TLV:50 PPM/75 STEL; 9293
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:XYLENE (SARA 313) (NIOSH: 100 PPM-10 HR TWA, 200 PPM-10 MIN
CEIL)
CAS:1330-20-7
RTECS #:ZE2100000
Fraction by Wt: 10-15%
Other REC Limits:NONE SPECIFIED
OSHA PEL:100 PPM/435 MG/M3
ACGIH TLV
:100 PPM/150 PPM STEL
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:VOC: 770 G/L
RTECS #:9999999VO
Other REC Limits:NONE SPECIFIED

===== 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:PROLONGED ABSORPTION OF LEAD:SYSTEMIC
EFFECTS,GASTROINTEST DISTURBANCES,ANEMIA,BLOOD CHANGES,ABDOMINAL
PAIN,WEAK,WEIGHT LOSS,INSOMNIA
,FATIGUE,CONSTIPATION,APPETITE
LOSS,MUSCLE WEAK,ENCEPHALOPATHY.LEAD TO LUNG CHANGES.MUCOUS
MEMBRANE IRRIT.KIDNEY &/OR LIVER DAMAGE.ASPIRATION:MAY LEAD TO CHEM
PNEUMONITIS, CAN BE FATAL.
Explanation of Carcinogenicity:LEAD CHROMATE AND DI (2-ETHYLHEXYL)
PHTHALATE ARE LISTED AS A CARCINOGEN.
Effects of Overexposure:EYES: IRRIT, TEARS, CORNEAL DAMAGE. SKIN:
DERMATITIS, SENSITIZATION, DEFATTING-CRACKING, BLISTERS,REDNESS.
INHALE: RESPIRTORY TRACT IRRIT, CNTRL NERVE SYS
D

EPRESSION-HEADACHE, WEAKNESS, NAUSEA, DIZZINESS, INCOORDINATION, COLLAPSE. INGESTION: MAY CAUSE GASTROINTESTINAL IRRIT, ABDOMINAL PAIN, NAUSEA & VOMITING, DIARRHEA.

Medical Cond Aggravated by Exposure:PRE-EXISTING DISEASE IN OR A HISTORY OF AILMENTS INVOLVING THE SKIN, RESPIRATORY TRACT, KIDNEY, LIVER, EYE ARE AT GREATER RISK OF DEVELOPING ADVERSE EFFECTS WHEN EXPOSED TO THIS MATERIAL.

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

First Aid:EYES: IMM

ED FLUSH W/LG AMTS OF WATER FOR 15 MIN, SEEK MED

AID. SKIN: WASH W/SOAP & WATER. PERSISTANT IRRIT: SEEK MED AID.

INHALE: REMOVE FROM EXPOSURE. STOPPED/DIFF BREATHING: ADMIN

CPR/OXYGEN. SEEK MED AID. INGEST: DO NOT INDUCE VOMITING.GIVE 1

GLASS OF MILK OR 1-2 OZ (30 TO 60G) ACTIVATED CHARCOAL IN WATER.

IMMED SEEK MED AID. NOTHING BY MOUTH TO AN UNCONSCIOUS PERSON. DR:

REDUCE LEAD IN BLOOD.

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

Flash Point M

ethod:CC

Flash Point:25.0F,-3.9C

Extinguishing Media:USE CARBON DIOXIDE, DRY CHEMICAL, WATER SPRAY, ALCOHOL OR UNIVERSAL TYPE FOAMS AS PER MFR RECOMMENDATIONS.

Fire Fighting Procedures:USE FIRE PROTECTIVE EQUIPMENT, INCLD FULL-FACE MSHA/NIOSH SCBA. USE WATER TO COOL FIRE-EXPOSED

CONTAINERS/STRUCTURES/PROTECT PERSONNEL. USE FOAM TO FIGHT FIRE.

Unusual Fire/Explosion Hazard:VAPORS FORM FLAMMABLE/EXPLOS MIX IN AIR.

VAPORS HEAVY, TRAVEL TO IGNITION/FLASH. CLOSED CNTNRS MAY EXPLODE

W/EXTREME HEAT. MAY EMIT IRRITANT/TOXIC GAS/FUMES.

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

Spill Release Procedures:STOP SPILL/LEAK IF NO RISK. AVOID: BREATHING VAPOR; HOT LIQUIDS/FUMES; HEAT/SPARKS. TURN OFF IGNITE SOURCES.

VENTILATE AREA. INERT ABSORBENT TO FINISH CLEAN-UP. REACTS

W/OXIDIZING AGENTS. REPORT RELEA SE (35.21+ LB):NAT'L RESPONSE CNTR (800-424-8802).

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

Handling and S

torage Precautions:STORE AREA COMPLYING W/OSHA 1910.106.

KEEP IN COOL, DRY,VENTED AREA. NO PHYSICAL DAMAGE. KEEP CNTNRS
LABELED/CLOSED.DO NOT BREATHE. AVOID ANY CONTACT.

Other Precautions:NO HOME USE/STORAGE. GROUND/BOND DRUM. NO PRESSURE TO
EMPTY CNTNR. WEAR NO CONTAM CLOTHES. DISCARD CONTAM FOOTWEAR. KEEP
FROM HEAT/OPEN FLAME. NO CONTACT LENSES W/OUT PROPER EYE PROTECT.
EMPTY CNTNRS RETAIN RESIDUE INCLD FLAMM EXPLOS VAPOR.

===== Exposure Controls/Personal Protect
ion =====

Respiratory Protection:USE MSHA/NIOSH APPROVED UNITS PER CURRENT
29CFR1910.134 & INSTRUCTION & WARNING AND NIOSH RESPIRATOR DECISION
LOGIC-PUB 87.108. USE MSHA/NIOSH APPROVED UNITS AS PER CURRENT
29CFR 1910.1025.

Ventilation:VENTILATION TO KEEP EXPOS BELOW CURRENT EXPOS LIM & AREAS
BELOW FLAMM VAPOR CONCENTRATION. CONFINED AREA: LOCAL EXHAUST.

Protective Gloves:HEAVY DUTY NEOPRENE OR EQUIVALENT

Eye Protection:SAFETY GLASSES;FACE/SIDE SHIELDS;GOGGLES

Other Prot

ective Equipment:INDUSTRIAL-TYPE WORK CLOTHES & SAFETY
FOOTWEAR.DEPENDING ON CONDITION:HEAD/NECK
COVER,APRON,JACKET,PANTS,COVERALLS,BOOTS

Work Hygienic Practices:WASH AFTER SKIN CONTACT AND BEFORE EATING,
DRINKING, USING TOBACCO OR RESTROOMS. SPRAY PAINT: OSHA
29CFR1910.107.

Supplemental Safety and Health

DO NOT CUT, DRILL, GRIND, WELD ON/NEAR CNTNRS. AIRBORNE PARTICUL ARE
GENERATED DURING REMOVAL OPERATIONS (ABRASIVE BLASTING, SANDING,
GRINDING). READ/UNDERSTAND MFR'S PR

ECAUTIONS BEFORE USING. CONTAIN

S CHEMICALS THAT ARE KNOWN TO CAUSE CANCER/BIRTH

DEFECTS/REPRODUCTIVE HARM BY CALIF. SEE FILE FOR MORE INFORMATION.

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

HCC:F2

Vapor Density:>1 @ 25C

Spec Gravity:8.3 LBS/GAL

Viscosity:20"MAX/*

Solubility in Water:NEGLIGIBLE

Appearance and Odor:RED VISCOUS LIQUID WITH TYPICAL SOLVENT ODOR

Percent Volatiles by Volume:78

Corrosion Rate:*#4F

===== Stability and Reactivity Data =

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Stability Indicator/Materials to Avoid: YES
AVOID ACIDS, REDUCING AGENTS, OXIDIZING AGENTS, HEAT, SPARKS AND OPEN FLAMES.
Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE UPON THERMAL DECOMPOSITION. OXIDES OF LEAD AND CHROMIUM AT TEMPS GREATER THAN 300F.

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

Waste Disposal Methods: THIS PRODUCT IS AN US EPA DEFINED IGNITABLE HAZARDOUS WASTE. DISPOSE OF AS AN IGNITABLE HAZARDOUS WASTE IN ACCORDANCE WITH LOCAL, STATE & FEDERAL REGULATIONS. INCINERATION IS ACCEPTABLE. EPA HAZARDOUS WASTE CODES: F003, F005, F006, F007.

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