

AMERITEX CHEMICAL & COATINGS (FORMERLY KOPPERS CO) -- MIL-L-19538C CL 2, 34088 OLIVE DRAB -- 8010-00-527-2888

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

Product ID:MIL-L-19538C CL 2, 34088 OLIVE DRAB

MSDS Date:04/01/1992

FSC:8010

NIIN:00-527-2888

MSDS Number: BSHKG

=== Responsible Party ===

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

Address:801 E LEE

City:IRVING

State:TX

ZIP:75060-30

53

Country:US

Info Phone Num:214-438-1913

Emergency Phone Num:214-438-1913

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 LEAD) (SARA III)

CAS:7758-97-6

RTECS #:GB2975000

Other REC Limits:NONE SPECIFIED

OSHA PEL:50 MICROGRAMS/M3

ACGIH TLV

:0.15 MG/M3

Ingred Name:LEAD CHROMATE (AS CHROMIUM [VI]) (SARA III)

CAS:7758-97-6

RTECS #:GB2975000

Other REC Limits:1 MICRGRAM CR(VI)/M3

OSHA PEL:0.1 PPM CEIL

ACGIH TLV:0.05 MG/M3

Ingred Name:DI(2-ETHYL HEXYL) PHTHALATE (EXPOSURE LIMITS ARE FOR
DI-SEC-OCTYL PHTHALATE) (SARA III)

CAS:117-81-7

RTECS #:TI0350000

Fraction by Wt: 1-5%

Other REC Limits:LOWEST FEASIBLE

OSHA PEL:5 MG/M3;STEL 10MG/M3

ACGIH TLV:5 MG/M3;STEL 10MG/M3

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 LBS

Ingred Name:TALC

CAS:14807

-96-6

RTECS #:WW2710000

Fraction by Wt: 1-5%

Other REC Limits:NONE SPECIFIED

OSHA PEL:2 MG/M3 RESP DUST

ACGIH TLV:2 MG/M3 RESP DUST

Ingred Name:AMORPHOUS SILICON DIOXIDE

CAS:68855-54-9

Fraction by Wt: 1-5%

Other REC Limits:NONE SPECIFIED

OSHA PEL:6 MG/M3

ACGIH TLV:10 MG/M3

Ingred Name:TOLUENE (SARA III)

CAS:108-88-3

RTECS #:XS5250000

Fraction by Wt: 5-10%

Other REC Limits:NIOSH:100 PPM 10 HR

OSHA PEL:100 PPM;STEL 150 PPM

ACGIH TLV:100 PPM;STEL 150 PPM

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:ISOPROPYL ALCOHOL (SARA III)
CAS:67-63-0
RTECS #:NT8050000
Fraction by Wt: 1-5%
Other REC Limits:NIOSH: 400 PPM 10 HR
OSHA PEL:400 PPM;STEL 500 PPM
ACGIH TLV:400 PPM;STEL 500 PPM

Ingred Name:METHYL ETHYL KETONE (SARA III)
CAS:78-93-3
RTECS #:EL6475000
Fraction by Wt: 40-50%
Other REC Limits:NONE SPECIFIED
OSHA PEL:200 PPM;STEL 300 PPM
ACGIH TLV:200 PPM;STEL 300 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:N-PROPYL ACETATE
CAS:109-60-4
RTECS #:AJ3675000
Fraction by Wt
: 5-10%
Other REC Limits:NONE SPECIFIED
OSHA PEL:200 PPM;STEL 250 PPM
ACGIH TLV:200 PPM;STEL 250 PPM

Ingred Name:VOC: 5.11 LBS PER GALLON
RTECS #:9999999VO
Other REC Limits:NONE SPECIFIED

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===== Hazards Identification =====
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:EYE:IRRIT, TEARING, CORNEAL DAMAGE.
SKIN: DERMATITIS, SENSITIZATION. PROLONGD/REPEATD:DEFA

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(RED,CRACK,BLISTER,IRRIT, DERMATITIS). INHAL:SEVERE MUCOUS MEMBRANE
IRRIT. CHRONIC INHAL:KIDNEY/LIVER DAMAGE. RESP IRRIT, CENTRAL
NERVOUS SYS DEPRESSN (HEADACHE,WEAK,DIZZY, UNCOORDINATED,COLLAPSE).
PROLONGD/REPEATD INHAL: LUNG

Explanation of Carcinogenicity:LEAD CHROMATE, DI(2-ETHYLHEXY) PHTHALATE
Effects of Overexposure:CHANGES. INGEST:GI IRRIT,ABDOM PAIN,
NAUSEA,VOMIT. GI DISTURBANCES (NAUSEA,VOMITING,DIARRHEA).
ASPIRATION INTO LUNGS MAY CAUSE CHEM PNEUMONITIS-CAN BE

FATAL.

OTHER:LEAD ABSORPTN:SYSTEMIC EFFECTS (GI D ISTURBANCES,ANEMIA,BLOOD CHANGES,ABDOM PAIN,WEAK,WEIGHT LOSS, INSOMNIA,FATIGUE,CONSTIPATN,APPETITE LOSS,ENCEPHALOPATHY

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

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

First Aid:EYE: IMMED FLUSH W/WATER 15 MIN. GET MED AID. SKIN: WASH W/SOAP & WATER. IF REDNESS, ITCHING, BURNING DEVELOP, GET MED AID. WASH CONTAM CLOTHING BEFORE REUSE. INHAL: REMOVE FROM EXPOSURE. IF BREATHING STOPPED/DIFFICULT, GIVE ARTIF RESP AS INDICATED. GET MED AID. INGEST:DONT INDUCE VOMIT. DRINK GLASS MILK/1-2 OZ ACTIVATED CHARCOAL IN WATER AS TOLERATED. GET MED AID. NOTHING BY MOUTH TO UNCONSCIOUS.

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===== Fire Fighting Measures =====
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Flash Point Method:CC

Flash Point:25.0F,-3.9C

Extinguishing Media:WATER MAY BE INEFFECTIVE. USE CO2, DRY CHEMICAL, WATER SPRAY, ALCOHOL OR UNIVERSAL TYPE FOAMS PER MFR RECOMMENDATIONS.

Fire Fighting Procedures:WEAR COMPLETE FIRE SERVICE PROTECTIVE EQUIPMENT W/FULL FACE SCBA. USE WATER TO COOL FIRE EXPOSED CONTAINER/ STRUCTURE/PROTECT PERSONNEL. USE FOAM TO FIGHT FIRE.

Unusual Fire/Explosion Hazard:VAPOR FORM FLAMM/EXPLOS MIX IN AIR. VAPOR HEAVY, MAY TRAVEL (GRND,PIT, SEWER) TO IGNIT SOURCE-FLASH. CNTNRS CONTAIN VAPOR-EXPLOS/FLAMM. MAY EMIT IRRIT/TOXIC GAS.

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

Spill Release Procedures:STOP SPILL/LEAK IF NO RISK. AVOID BREATHING VAPOR. ELIMINATE IGNITION SOURCES. VENT. AVOID CONTACT W/HOT LIQ & FUMES. USE INERT ABSORBENT TO COMPLETE CLEAN UP. REPORT PRODUCT RELEASED (>100 LBS) INTO ENVIRONMENT TO NAT'L RESPONSE CTR 800-424-8802.

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===== Handling and Storage

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Handling and Storage Precautions: DON'T GET ON SKIN, EYES, ON CLOTHES.
DON'T BREATHE VAPOR. HANDLE & USE IN ACCORD W/ OSHA 29 CFR 1910.106.
KEEP IN CLSD CNTNR W/ IN COOL, SHADED, VENTED AREA.
Other Precautions: PROTECT FROM PHYSICAL DAMAGE. KEEP CONTAINERS CLOSED
WHEN NOT IN USE. MAINTAIN GOOD HOUSEKEEPING. NOT FOR USE OR STORAGE
IN/ AROUND HOME. GROUND & BOND DRUMS. DON'T USE PRESSURE TO EMPTY.
KEEP AWAY FROM HEAT AND OPEN FLAMES.

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

Respiratory Protection: IF VENT DOES NOT MAINTAIN INHALATION EXPOSURES
BELOW PEL/TLV. USE MSHA/NIOSH APPROVED UNITS AS PER CURRENT 29 CFR
1910.134, INSTRUCTIONS/WARNINGS & NIOSH RESPIRATOR DECISION
LOGIC-PUB 87.108. USE MSHA /NIOSH UNITS PER CURRENT 29 CFR 1910.1025.

Ventilation: GENERAL/LOCAL EXHAUST (KEEP BELOW TLV/LFL). LOCAL EXHAUST
NEEDED FOR ENCLOSED/CONFINED SPACES. NIOSH PUB 87-113 CONFINED SPACE.

Protective Gloves: CHEM RESISTANT FLEXIBLE-T
TYPE GLOVES

Eye Protection: SAFETY GLASSES, SIDE/FACE SHLD, CHEM GOGGLES

Other Protective Equipment: INDUSTRIAL TYPE CHEM RESIST WORK CLOTHING &
SAFETY FOOTWEAR. DEPENDING ON WORK CONDITION: HEAD/NECK
COVER, APRON, COVERALLS, BOOT, ETC.

Work Hygienic Practices: DO NOT WEAR CONTAMINATED CLOTHING. DISCARD
CONTAMINATED FOOTWEAR.

Supplemental Safety and Health

NOTE TO PHYSICIAN: MEASURES SHOULD BE TAKEN TO REDUCE BLOOD LEAD LEVELS
WHEN APPROPRIATE. TREATMENT SHOULD BE DIRECTED AT THE CONTROL OF
SYMPTOMS AND THE CLINICAL CONDITION.

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

HCC: F2

Vapor Density: >1 @ 25C

Viscosity: 20" MAX/4 FORD

Solubility in Water: NEGLIGIBLE

Appearance and Odor: OLIVE DRAB VISCOUS LIQUID WITH TYPICAL SOLVENT ODOR

Percent Volatiles by Volume: 71

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

Stability Indicator/Materials to Avoid: YES

AVOID ACIDS, REDUCING AGENTS, OXIDIZING AGENTS, HEAT, SPARKS AND OPEN
FLAME.

Hazardous Decomposition

sition Products: CARBON MONOXIDE, CARBON DIOXIDE UPON
THERMAL DECOMPOSITION, OXIDES OF LEAD & CHROMIUM @ >300 F OR >149
C.

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

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

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