

AMERITEX, INC -- ENAMEL, INTERIOR DECK RED FORMULA 23 -- 8010-00-292-1813

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

Product ID:ENAMEL, INTERIOR DECK RED FORMULA 23

MSDS Date:12/01/1990

FSC:8010

NIIN:00-292-1813

MSDS Number: BMSMB

=== Responsible Party ===

Company Name:AMERITEX, INC

Address:801 E LEE ST

Box:151284

City:IRVING

State:TX

ZIP:75015

Country:US

Info Phone Num:214-438-1913

Emergency Phone Num:21

4-913-6814/ 800-424-9300

Preparer's Name:CAROL HOPE

CAGE:LO165

=== 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

Company Name:AMERITEX, INC

Address:801 EAST LEE STREET

Box:151284

City:IRVING

State:TX

ZIP:75015

Country:US

Phone:214-438-1913

CAGE:LO165

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

Ingred Name:MINERAL SPIRITS (EX

POSURE LIMITS ARE FOR STODDARD SOLVENT)
(NIOSH: 350 10 HR-TWA; 1800 15 MIN CEILING)
CAS:8052-41-3
RTECS #:WJ8925000
Fraction by Wt: 15-20%
Other REC Limits:NONE SPECIFIED
OSHA PEL:500 PPM
ACGIH TLV:100 PPM; 9293

Ingred Name:TALC
CAS:14807-96-6
RTECS #:WW2710000
Fraction by Wt: 5-10%
Other REC Limits:NONE SPECIFIED
OSHA PEL:2 MG/M3 RESP DUST
ACGIH TLV:2 MG/M3 RESP DUST

Ingred Name:IRON OXIDE (DUST & FUME)
CAS:1309-37-1
RTECS #:NO7400000
Fraction by Wt: 10-15%
Other REC Limits:NONE SPECIFIED

OSHA PEL:10 MG/M3 (FE)
ACGIH TLV:5 MG/M3(FE),B2; 9293

Ingred Name:TITANIUM DIOXIDE
CAS:13463-67-7
RTECS #:XR2275000
Fraction by Wt: 1-5%
Other REC Limits:NONE SPECIFIED
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:10 MG/M3 TDUST; 9293

Ingred Name:AMORPHOUS SILICON DIOXIDE
CAS:61790-53-2
RTECS #:HL8600000
Fraction by Wt: 1-5%
Other REC Limits:NONE SPECIFIED
OSHA PEL:20 MPPCF
ACGIH TLV:10 MG/M3 TDUST; 9293

Ingred Name:ZINC OXIDE (AS DUST)
CAS:1314-13-2
RTECS #:ZH4810000
Fraction by Wt: 5-10%
Other REC Li

imits:*5 MG/M3 RESP FRACTN
OSHA PEL:15MG/M3 TDUST/5 FUME
ACGIH TLV:10MG/M3 TDUST; 9293

Ingred Name:ZINC OXIDE (AS FUME) (NIOSH: 5 MG/M3 10 HR TWA; 15 MG/M3 10
MIN CEILING)
CAS:1314-13-2
RTECS #:ZH4810000
Other REC Limits:NONE SPECIFIED
OSHA PEL:15MG/M3 TDUST/5 FUME
ACGIH TLV:10MG/M3 TDUST; 9293

Ingred Name:NONHAZARDOUS INGREDIENTS
Fraction by Wt: < 35%
Other REC Limits:NONE SPECIFIED

Ingred Name:VOC: 406 GM/LI; 3.4 LB/GL
RTECS #:99999999VO
Other REC Limits:NONE SPECIFIED

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=== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Health Hazards Acute and Chronic:EYE: IRRITATION. SKIN: PROLONG &/OR
REPEAT CONTACT-DEFATTING. ABSORB: SYSTEMIC EFFECTS. INHALE OF HIGH
CONC MAY CAUSE RESPIRATORY IRRIT & CNS DEPRESSION. REPEAT/PROLONG
INHALE HIGH CONC OF PARTICULATE S: LUNG CHANGES. METAL FUME FEVER.
INGEST: GASTROINTESTINAL DISTURBANCES. LUNG ASPIRATION.
Effects of Overexposure:SKIN: REDNESS, CRACKING, B
LISTERING, IRRITATION
AND DERMATITIS. INHALATION: HEADACHE, WEAKNESS, DIZZINESS,
INCOORDINATION AND POSSIBLE COLLAPSE. METAL TASTE IN MOUTH &
FLU-LIKE SYMPTOMS. INGESTION: NA USEA, VOMITING AND DIARRHEA. MANY
EFFECTS SAME AS INHALATION. ASPIRATION: CHEMICAL PNEUMONITIS WHICH
CAN BE FATAL.
Medical Cond Aggravated by Exposure:PERSONS W/PRE-EXIST DISEASE OR
HISTORY OF AILMENTS INVOLVING THE SKIN, EYE, RESPIRATORY TRACT,
LIVER, KIDNEY, CENTRAL NERVOUS SYSTEM ARE AT GREATER
RISK TO
DEVELOP ADVERSE EFFECTS WITH THIS PRODUCT.

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

First Aid:EYE:FLUSH W/LARGE AMT OF WATER FOR 15 MIN. SKIN:WASH W/SOAP &
WATER. WASH CONTAMINATED CLOTHES BEFORE REUSE. INHALE: REMOVE FROM
EXPOSURE. IF BREATHING STOPPED OR DIFFICULT ADMIN CPR OR OXYGEN AS
NEED ED. INGEST: DO NOT INDUCE VOMITING. GIVE 1 GLASS OF MILK OR 1
TO 2 OZ ACTIVATED CHARCOAL IN WATER AS TOLERATED.
EMERGENCY/PERSISTANCE: GET IM

MEDIATE MEDICAL AID. NOTHING BY MOUTH
TO UNCONSCIOUS PERSON

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

Flash Point Method:CC

Flash Point:102F,39C

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 FI
RE

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 ABSORB TO FINISH CLEAN-UP. REACTS W/OXIDIZING
AGENTS. REPORT QU
ANTITY : 100 LB OR MORE SPILL, TO NATIONAL
RESPONSE CNTR.

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

Handling and Storage Precautions:AVOID:PROLONG/REPEAT:BREATHING
VAPOR/MIST/ FUMES; CONTACT W/SKIN/EYES. STORE: COOL,DRY,VENTED
AREA. CNTNRS LABELED/ CLOSED. SPRAY: OSHA 29CFR1910.107.

Other Precautions:GROUND & BOND DRUMS. DO NOT USE PRESSURE TO EMPTY
DRUMS. DO NOT WEAR CONTAMINATED CLOTHING. DISCARD CONTAMINATED
FOOTWEAR. KEEP AWAY FROM HEAT AND OPE
N FLAME. DO NOT WEAR CONTACT
LENSES WITHOUT PROPER EYE PROTECTION WHEN USING THIS PRODUCT.

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

Respiratory Protection:IF VENTIL DOES NOT MAINTAIN INHALE EXPOS BELOW
PEL(TLV), USE MSHA/NIOSH APPROVED UNITS AS PER CURRENT 29 CFR
1910.134, INSTRUCT/WARNING & NIOSH-RESPIRATOR DECISION
LOGIC-PUB.#87.108. WITHIN OSHA PROTE CT FACTOR AIR-PURIFY OV/FILTER
UNITS OK.

Ventilation:SUFFICIENT VENTILATION TO KEEP EXPOS BELO

W CURRENT EXPOS

LIM & AREAS BELOW FLAMM VAPOR CONC. LOCAL EXHST/CONFINED AREA.

Protective Gloves:WEAR HEAVY NEOPRENE OR EQUIVALENT GLOVES

Eye Protection:SAFETY GLASSES;SIDE/FACE SHIELD/GOGGLES.

Other Protective Equipment:INDUSTRIAL WORK CLOTHES & SAFETY FOOTWEAR.

RESISTANT PROTECT HEAD/NECK COVER, APRONS, JACKETS, PANTS,
COVERALLS, BOOTS.

Work Hygienic Practices:WASH AFTER SKIN CONTACT & BEFORE EATING,
DRINKING, USING TOBACCO OR RESTROOMS. PROTECT CONTAINERS FROM
PHYSICAL DAM

AGE.

Supplemental Safety and Health

EMPTY CONTAINERS MAY RETAIN PRODUCT RESIDUE INCLUDING FLAMMABLE
EXPLOSIVE VAPORS. DO NOT CUT, DRILL, GRIND OR WELD ON OR NEAR
PRODUCT CONTAINERS.

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

HCC:F4

Melt/Freeze Pt:M.P/F.P Text:NA

Vapor Density:>1 @ 25C

Spec Gravity:1.29

pH:NA

Viscosity:70-80 KU@ 75F

Solubility in Water:NEGLIGIBLE

Appearance and Odor:BROWN VISCOUS LIQUID WITH A TYPICAL SOLVENT ODOR

Percent Volatiles by Volume:44

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

Stability Indicator/Materials to Avoid:YES

AVOID OXIDIZING AGENTS, HEAT, SPARKS AND OPEN FLAME.

Hazardous Decomposition Products:CARBON DIOXIDE & CARBON MONOXIDE UPON
THERMAL DECOMPOSITION AT > 300F.

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

Waste Disposal Methods:THIS PRODUCT IS A US EPA DEFINED IGNITABLE
HAZARDOUS WASTE. DISPOSE OF AS AN IGNITABLE HAZARDOUS WASTE IN
ACCORDANCE WITH FE

DERAL, STATE AND LOCAL REGULATIONS. INCINERATION
IS AN ACCEPTABLE DISPOSAL METHOD. EPA HAZ WASTE CODE: F003, F005,
F006, F007.

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