

AMERITEX, INC -- DOD-E-699D FORMULA 20, 26008 GRAY -- 8010-00-286-9083

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Product Identification
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Product ID:DOD-E-699D FORMULA 20, 26008 GRAY

MSDS Date:12/01/1990

FSC:8010

NIIN:00-286-9083

MSDS Number: BMSLY

=== 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:214-913

-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

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Composition/Information on Ingredients
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Ingred Name:ZINC OXIDE (AS DUST)

CAS

:1314-13-2
RTECS #:ZH4810000
Fraction by Wt: 10-15%
Other REC Limits:*5 MG/M3 RESP FRAC
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:TITANIUM DIOXIDE

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

Ingred Name:CRYSTALLINE SILICON DIOXIDE (NIOSH: 50 MG/M3-10 HR TWA
RESPIRABLE FREE SILICA)

CAS:14808-60-7
RTECS #:VV7330000
Fraction by Wt: 5-10%
Other REC Limits:NONE SPECIFIED
OSHA PEL:SEE TABLE Z3
ACGIH TLV:0.1 MG/M3 RDUST;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:TALC

CAS:14807-96-6
RTECS #:WW2710000
Fracti

on 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:MINERAL SPIRITS (EXPOSURE LIMITS ARE FOR STODDARD SOLVENT)
(NIOSH: 350 MG/M3-10 HR TWA; 1800 MG/M3-15 MIN CEILING)

CAS:8052-41-3
RTECS #:WJ8925000
Fraction by Wt: 25-35%
Other REC Limits:NONE SPECIFIED
OSHA PEL:500 PPM
ACGIH TLV:100 PPM; 9293

Ingred Name:NONHAZARDOUS INGREDIENTS
Fraction by Wt: < 20%
Other REC Limits:NONE SPECIFIED

Ingred Name:VOC: 396 GM/L; 3.3 LB/GL
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:EYE: DIRECT CONTACT W/LIQUID/VAPOR MAY
CAUSE IRRITATION. SKIN: PROLONG/REPEAT CONTACT MAY CAUSE DEFATTING
CHARACTERIZED BY REDNESS, CRACKING, BLISTERING, IRRITATION &
DERMATITIS. INHALE: HIGH CONC MAY CAUSE RESPIRATORY TRACT
IRRITATION & CNS DEPRESSION CHARACTERIZED BY HEADACHE, WEAKNESS,
DIZZINESS, INCOORDINATION &
Explanation of Carcinogenicity:THE EVIDENCE FOR CARCINOGENICITY OF
CRYSTALLINE SILICA TO HUMANS IS LIMITED & SUFFICIENT IN LAB ANIMALS
BY THE IARC.
Effects of Overexposure:POSSIBLE COLLAPSE. REPEAT/PROLONG INHALE OF
HIGH CONC OF AIRBORNE PARTICULATES MAY LEAD TO LUNG CHANGES.
INGEST: MAY CAUSE GASTROINTESTINAL DISTURBANCES-NAUSEA, VOMITING,
DIARRHEA & EFFECTS SIMILAR TO THOSE

DESCRIBED UNDER INHALE.

ASPIRATION TO THE LUNGS MAY CAUSE CHEMICAL PNEUMONITIS WHICH CAN BE FATAL.

Medical Cond Aggravated by Exposure: PERSONS W/PRE-EXISTING DISEASE IN OR A HISTORY OF AILMENTS INVOLVING SKIN, EYES, RESPIRATORY TRACT, LIVER, KIDNEY & CENTRAL NERVOUS SYSTEM ARE AT GREATER THAN NORMAL RISK OF DEVELOPING ADVERSE EFFECTS

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

First Aid: EYE: IMMEDIATELY FLUSH W/WATER FOR 15 MINS. GET MEDICAL AID. SKIN:

WASH W/SOAP & WATER. PERSISTENT IRRITATION: GET MEDICAL AID. WASH CONTAMINATED CLOTHES BEFORE REUSE. INHALE: REMOVE FROM EXPOSURE. CPR/OXYGEN AS NEEDED. GET MEDICAL AID. INGEST: DO NOT INDUCE VOMITING. GIVE 1 GLASS OF MILK OR 1-2 OZ (30 TO 60G) ACTIVATED CHARCOAL IN WATER AS TOLERATED. GET IMMEDIATE MEDICAL AID. NOTHING BY MOUTH TO UNCONSCIOUS PERSON.

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

Flash Point Method: CC

Flash Point: 105F, 41C

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, INCLUDING 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/EXPLOSIVE MIX IN AIR. VAPORS HEAVY, TRAVEL TO IGNITION/FLASH. CLOSED CONTAINERS MAY EXPLODE W/EXTREME HEAT. MAY EMIT IRRITANT/TOXIC GAS/FUMES.

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

Spill Release Procedures: STOP SPILL IF NO RISK. ELIMINATE IGNITION SOURCES. VENT AREA. BREATHE NO VAPOR. NO CONTACT W/HOT LIQ/FUMES. TAKE UP CAREFULLY TO AVOID HEAT/SPARKS. USE INERT ADSORBENT TO FINISH CLEAN-UP. REPORT RELEASE INTO ENVIRONMENT TO NRC (800-424-8802), 100 LB OR MORE.

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

Handling and Storage Precautions: STORAGE/HANDLE/USAGE: OSHA 1910.106.

KEEP CNTNRS CLOSED & LABELED IN COOL, SHADED, DRY & VENTILATED AREA. NO PHYSICAL DAMAGE. USE GOOD HOUSEKEEPING.
Other Precautions:GROUND & BOND DRUM. DO NOT USE PRESSURE TO EMPTY DRUMS. DISCARD CONTAM FOOTWEAR. KEEP FROM HEAT & OPEN FLAME. AVOID CONTACT W/EYES, SKIN, BREATHING. SPRAY PAINT-USE W/OSHA 29 CFR1910.107. OBSERVE GOOD PERSONAL HYGIENE PRACTICE/PROCEDURES.

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

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION

EXPOSURES BELOW PEL(TLV), USE APPROVED UNITS AS PER CURRENT 29CFR1910.134 & NIOSH/RESPIRATOR DECISION LOGIC-PUB. #87.108. IF WITHIN OSHA PROTECTION FACTOR, AIR PURIFYING OV/FILTER UNITS OK.

Ventilation:GENERAL/LOCAL EXHAUST IN PATTERN/VOLUME TO CONTROL EXPOSURE LIMITS & FLAMM VAPOR CONC BELOW LIMITS.

Protective Gloves:HEAVY DUTY NEOPRENE OR EQUIVALENT

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

Other Protective Equipment:INDUST-TYPE WORK CLOTHES & SAFETY FOOTWEAR.

PROTECT CLOTHES: HEAD/NECK COVER, APRONS, JACKETS, PANTS, COVERALLS & BOOTS.

Work Hygienic Practices:WASH HANDS BEFORE EATING, DRINKING, TOILETING, SMOKING. DO NOT WEAR CONTACT LENSES W/OUT PROPER EYE PROTECTION.

Supplemental Safety and Health

AIRBORNE PARTICULATE MAY BE GENERATED DURING REMOVAL OPERATIONS INCLUDING ABRASIVE BLASTING, SANDING OR GRINDING. EMPTY CONTAINERS MAY RETAIN PRODUCT RESIDUE INCLUDING FLAMMABLE OR EXPLOSIVE VAPORS. DO NOT CUT, DRILL, GRIND OR WELD ON OR NEAR ANY CONTAINER.

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

HCC:F4

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

Vapor Density:>1 @ 25C

Spec Gravity:1.26

pH:NA

Viscosity:68-78 KU

Solubility in Water:NEGLIGIBLE

Appearance and Odor:GRAY VISCOUS LIQUID WITH A TYPICAL SOLVENT ODOR.

Percent Volatiles by Volume:43

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

Stability Indicator/Materials to Avoid:YES

AVOID OXIDIZING AGENTS, HEAT, S

PARKS AND OPEN FLAMES.

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE UPON THERMAL DECOMPOSITION AT GREATER THAN 300F.

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

Waste Disposal Methods: US EPA IGNITABLE HAZARDOUS WASTE. DISPOSE OF AS AN IGNITABLE HAZARDOUS WASTE IN ACCORD W/FEDERAL, STATE & LOCAL REGULATIONS. INCINERATION IS AN ACCEPTABLE DISPOSAL METHOD. EPA HAZARDOUS WASTE CODE F003, F005, F006, F007.

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