

AMERITEX, INC -- DOD E 699D FORMULA 20, 26008 GRAY -- 8010-00-297-2100

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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:00-297-2100

MSDS Number: BMSMC

=== 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 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
Fraction by Wt: 10-15%
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 TDUST
ACGIH TLV:10 MG/M3 TDUST; 9293

Ingred Name:CRYSTALLINE SILICON DIOXIDE (NIOSH: 50 MICROGRAMS/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
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:MINERAL SPIRITS (EXPOSURE LIMITS ARE FOR STODDARD SOLVENT)
NIOSH: 350 10 HR-TWA; 1800 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:VOC: 396 GM/L; 303 LB/GL
RTECS #:9999999VO
Other REC Limits:NONE SPECIFIED

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Hazard 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: IRRITATION. SKIN: PROLONGED &/OR
REPEATED CONTACT MAY CAUSE DEFATTING. INHALE OF HIGH CONC MAY CAUSE
RESPIRATORY IRRITATION & CENTRAL NERVOUS SYSTEM DEPRESSION.
REPEATED/ PROLONGED INHALE HIGH CO NC OF PARTICULATES: LUNG
CHANGES. INGEST: GASTROINTESTINAL DISTURBANCES. LUNG ASPIRATION.

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Explanation of Carcinogenicity:IARC STATES THERE IS LIMITED EVIDENCE
CRYSTALLINE SILICA CAUSES CANCER IN HUMANS & SUFFICIENT EVIDENCE
FOR LAB ANIMALS.

Effects of Overexposure:SKIN: REDNESS, CRACKING, BLISTERING, IRRITATION
AND DERMATITIS. INHALATION: HEADACHE, WEAKNESS, DIZZINESS,
INCOORDINATION AND POSSIBLE COLLAPSE. INGESTION: NAUSEA, VOMITING
AND DIARRHEA. MANY EFFECTS SAME AS INHALATION. ASPIRATION:
CHEMICAL PNEUMONITIS WHICH CAN BE FATAL.

Medical Cond Aggravated by Ex

posure: 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.

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===== 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 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, 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.

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===== 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 QUANTITY : 100 LB OR MORE SPILL, TO NATIONAL RESPONSE CNTR.

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===== 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 Precautio

ns:GROUND & BOND DRUMS. DO NOT USE PRESSURE TO EMPTY DRUMS. DO NOT WEAR CONTAMINATED CLOTHING. DISCARD CONTAMINATED FOOTWEAR. KEEP AWAY FROM HEAT AND OPEN 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 & NIOS

H-RESPIRATOR DECISION

LOGIC-PUB.#87.108. WITHIN OSHA PROTECT FACTOR AIR-PURIFY OV/FILTER UNITS OK.

Ventilation:SUFFICIENT VENTILATION TO KEEP EXPOS BELOW 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, COVE

RALLS, BOOTS.

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

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:1.26

pH:NA

Viscosity:68-78 KU@ 75F

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, SPARKS AND OPEN FLAME.

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

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

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

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