

## **AMERSHIELD, AMSHFD RESIN**

### **MSDS Number**

BXDSN

### **National Stock Number**

8030-00N014773

### **Product Name**

AMERSHIELD, AMSHFD RESIN

### **Manufacturer**

AMERON PROTECTIVE COATINGS

### **Product Identification**

Product ID:AMERSHIELD, AMSHFD RESIN

MSDS Date:02/25/1994

FSC:8030

NIIN:00N014773

MSDS Number: BXDSN

### **Responsible Party**

AMERON PROTECTIVE COATINGS

201 N BERRY ST

BREA , CA 92622-1020

US

Emergency Phone: 800-424-9300 (CHEMTREC)

Info Phone: 714-529-1951

Cage: 0Y2E4

### **Contractor**

AMERON PROTECTIVE COATINGS

1020

BREA, CA 92622-1020

US

714-529-1951

Cage: 0Y2E4

### **Ingredients**

CARBON BLACK

CAS: 1333-86-4

RTECS: FF5800000

Fraction By Weight:

OSHA PEL3.5 MG/M3

ACGIH TLV: 3.5 MG/M3

ACETIC ACID, 2-METHOXY-1-METHYLETHYL ESTER; (PROPYLENE

CAS: 108-65-6

RTECS: AI8295000

OSHA PELN/K

ACGIH TLV: N/K

(ORAL, RAT) 8.5 G/KG

RTECS: 9999999ZZ

OSHA PELN/K

ACGIH TLV: N/K

(ORAL,

CAS: 123-54-6

RTECS: SA1925000

Fraction By Weight: 2.28%

OSHA PELN/K

ACGIH TLV: N/K

(ORAL,

CAS: 1330-20-7

RTECS: ZE2100000

Fraction By Weight: 1.56%

OSHA PEL100 PPM

ACGIH TLV: 100 PPM; 150 STEL

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

10

CAS: 123-86-4

RTECS: AF7350000

Fraction By Weight: 1.48%

OSHA PEL150 PPM

ACGIH TLV: 150 PPM; 200 STEL

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

ESTER; (POLYSTEARATE ESTER)

CAS: 68785-03-5

Fraction By Weight:

OSHA PEL5 MG/M3 (MFR)

ACGIH TLV: 5 MG/M3 (MFR)

ACRYLIC RESIN POLYMER

Fraction By Weight:

OSHA PELN/K

ACGIH TLV: N/K

(ORAL, RAT) 24

CAS: 13463-67-7

RTECS: XR2275000

Fraction By Weight:

OSHA PEL15 MG/M3 TDUST

ACGIH TLV: 10 MG/M3 TDUST

2.1 @ 68F. LD50

CAS: 110-43-0

RTECS: MJ5075000

Fraction By Weight: 19.87%

OSHA PEL100 PPM

ACGIH TLV: 50 PPM

WOLLASTONITE; (CALCIUM SILICATE)

CAS: 13983-17-0

RTECS: ZC7950000

Fraction By Weight:

OSHA PELN/K

ACGIH TLV: N/K

SILICA, CRYSTALLINE - QUARTZ; (SILICA (QUARTZ))

CAS: 14808-60-7

RTECS: VV7330000

Fraction By Weight:

OSHA PELN/K

ACGIH TLV: 0.1 MG/M3 RDUST

## Hazards

LD50 LC50 Mixture:SEE INGREDIENTS

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO

Health Hazards Acute and Chronic:VAPOR OR SPRAY MIST CAN BE HARMFUL.

IRRITATING TO EYES, SKIN, NOSE & THROAT. EXCESSIVE INHALATION CAN

CAUSE HEADACHE, NAUSEA OR DIZZINESS. REPEATED & PROLONGED

OCCUPATIONAL OVEREXPOSURE TO SOLVENTS IS ASSOCIATED W/PERMANENT

BRAIN & NERVOUSSYSTEM DAMAGE. CAN BE HARMFUL IF SWALLOWED. CAN BE

HARMFUL IF (EFTS OF OVEREXP)

Explanation of Carcinogenicity:SILICA, CRYSTALLINE-QUARTZ: IARC MONO,

SUPP, VOL 7, PG 341, 1987: GROUP 2A. NTP 7TH ANNUAL REPORT ON

CARCINS, (SUPDAT)

Effects of Overexposure:HLTH HAZ: INHALED OR ABSORBED THROUGH THE SKIN.

OVEREXPOSURE CAN DAMAGE BLOOD, CENTRAL NERVOUS SYSTEM. OVEREXPOSURE

OR INGESTION CAN CAUSE LUNG, KIDNEY AND/OR LIVER DAMAGE. CHEMICAL

PNEUMONIA. ASPIRAT ION HAZARD. CAUSES SILICOSIS.

Medical Cond Aggravated by Exposure:RESPIRATORY, SKIN, EYES.

## First Aid

First Aid:INHAL: PROVIDE FRESH AIR; IF BREATHING LABORED, GIVE OXYGEN  
OR ARTIFICIAL RESPIRATION. SKIN: WASH THOROUGHLY WITH SOAP & WATER.

EYES: FLUSH IMMEDIATELY WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES & GET MEDICAL ATTENTION. INGEST: DRINK 1 OR 2 GLASSES OF WATER TO DILUTE. DO NOT INDUCE VOMITING. CONSULT MD OR POISON CONTROL CENTER IMMEDIATELY. TREAT SYMPTOMATICALLY.

## Fire Fighting

Flash Point Method:SCC  
Flash Point:105F,41C  
Lower Limits:1.0%  
Upper Limits:13.10%  
Extinguishing Media:FOAM, CARBON DIOXIDE, DRY CHEMICAL.  
Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT .  
Unusual Fire/Explosion Hazard:CLSD CNTNRS MAY EXPLODE WHEN EXPOS TO EXTREME HEAT. ISOLATE FROM HEAT, ELEC EQUIP, SPK & OPEN FLAME. PVNT STATIC DISCHARGE. INGRED MAY PRDCE FLOATING FIRE HAZ.

## Accidental Release

Spill Release Procedures:AVOID BREATHING OF VAPORS. USE ABSORBENT CLEANUP MATERIALS. PLACE IN SEPARATE CONTAINER. KEEP OUT OF SEWERS AND WATERWAYS. IF ENTRY IS THREATENED OR OCCURS, NOTIFY LOCAL AUTHORITIES. ELIMINATE ALL SOURCES OF IGNITION.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

## Handling

Handling and Storage Precautions:KEEP CONTAINER CLOSED, UPRIGHT WHEN NOT IN USE. STORE IN COOL, DRY, WELL-VENTILATED AREA. AVOID STORAGE TEMPERATURES ABOVE 100F.  
Other Precautions:DO NOT TAKE INTERNALLY. AVOID PROLONGED BREATHING OF VAPORS OR SPRAY MIST OR CONTACT WITH SKIN AND EYES. DO NOT WELD OR FLAME CUT AN EMPTY CONTAINER. GROUND CONTAINERS WHEN POURING.

## Exposure Controls

Respiratory Protection:NIOSH/MSHA APPRVD RESP. FOR SPECIFIC CONDITIONS, REFER TO CURRENT NIOSH POCKET GUIDE TO CHEM HAZS. USE NIOSH/MSHA APPRVD AIR-LINE RESPS IN CONFINED OR RESTRICTED VENTILATION AREAS. REFER TO 29 CFR, OSHA 1910 & 1915 FOR COATING OPERATIONS.  
Ventilation:SUFFICIENT VENT, IN VOL & PATTERN, SHOULD BE PROVIDED TO KEEP AIR CONTAMINANT CONCS BELOW TLV LIMIT. REMOVE (SUPDAT)  
Protective Gloves:NEOPRENE/OTHER SOLV IMPERVIOUS MATL.  
Eye Protection:ANSI APPRVD CHEM WORKERS GOGGLES .  
Other Protective Equipment:EYE WASH FOUNTAIN & DELUGE SHOWER MEETING ANSI DESIGN CRITERIA . FULL PROTECTIVE CLOTHING. SPARK-PROOF EQUIPMENT.  
Work Hygienic Practices:WASH THOROUGHLY BEFORE EATING, SMOKING OR USING WASHROOM. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.  
Supplemental Safety and Health  
EXPLAN OF CARCIN: 1994: ANTIC TO BE CARCIN. VENT: WELDING OR FLAME CUTTING DECOMP PRODS. REFER TO 29 CFR, OSHA PARTS 1910 & 1915 FOR COATING OPERATIONS.

## Chemical Properties

Boiling Pt:B.P. Text:>252F,>122C  
Vapor Pres:SEE INGS  
Vapor Density:HVR/AIR  
Spec Gravity:1.17-1.38  
Evaporation Rate & Reference:0.37-1.0(BUTYL ACETATE=1)  
Appearance and Odor:LIQUID; SOLVENT ODOR.  
Percent Volatiles by Volume:37

## Stability

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZERS, ACIDS, ALKALIES.  
Stability Condition to Avoid:HEAT, OPEN FLAME, ARC OR SPARKS.  
Hazardous Decomposition Products:BY FIRE, BURNING OR WELDING: CARBON MONOXIDE AND CARBON DIOXIDE. TOXIC GASES OR FUMES.

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## Disposal

Waste Disposal Methods: IN SEPARATE, CLOSED METAL CONTAINER IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS. EPA WASTE NO: D001.

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