

PROTECT FILM 1 (AEROSOL)

MSDS Number

BJCBT

National Stock Number

9150-00F012269

Product Name

PROTECT FILM 1 (AEROSOL)

Manufacturer

SAN BAR CORP BREAK FREE DIV

Product Identification

Product ID:PROTECT FILM 1 (AEROSOL)

MSDS Date:05/23/1986

FSC:9150

NIIN:00F012269

MSDS Number: BJCBT

Responsible Party

SAN/BAR CORPORATION/BREAK-FREE DIVISION

1035 SO. LINWOOD AVE.

SANTA ANA , CA 92705

Emergency Phone: (714) 953-1900

Info Phone: (714) 953-1900

Cage: FO583

Contractor

SAN/BAR CORPORATION/BREAK-FREE DIVISION

SANTA ANA, CA 92705

US

(714) 953-1900

Cage: FO583

Ingredients

CHLORODIFLUOROMETHANE

CAS: 75-45-6

RTECS: PA6390000

Fraction By Weight: 20%

OSHA PEL1000 PPM

ACGIH TLV: 1000PPM; 9192

CARBON DIOXIDE

CAS: 124-38-9

RTECS: FF6400000

Fraction By Weight: 2%

OSHA PEL5000 PPM

ACGIH TLV: 5000PPM/30000STEL;93

SYNTHETIC OILS

Fraction By Weight:

PARAFFINIC OILS

CAS: 64771-72-8

Fraction By Weight:

OSHA PEL5 MG/CUM

ALKYL ARYL SULFONATE

RTECS: AZ8400000

Fraction By Weight:

OSHA PEL5 MG/CUM

ACGIH TLV: 5 MG/CUM

ISOPROPYL ALCOHOL (SARA III)

CAS: 67-63-0

RTECS: NT8050000

Fraction By Weight: 20%

OSHA PEL400 PPM/500 STEL

ACGIH TLV: 400 PPM/500STEL;9192

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:INHALATION: IRRITATION TO NOSE/THROAT/RESPIRATORY TRACT, CNS DEPRESSION, GIDDINESS, HEADACHE, DIZZINESS, NAUSEA, COMA/DEATH. SKIN/EYES: IRRITATION, REDNESS, DERMATITIS, & EYE DAMAGE. INGESTION: LOW OR AL TOXICITY.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:INGESTION: SINGLE LETHAL DOSE OF PURE ISOPROPANOL (SOLVENT) FOR HUMANS IS 250ML. GENERALLY CONSIDERED TO HAVE A LOW ORDER OF ORAL TOXICITY. HUMANS HAVE UP TO 20ML OF IPA DILUTED W/WATER & NOTICED ONLY A SENSATION OF HEAT/SLIGHT LOWERING OFTHE BLOOD PRESSURE. DANGER FROM LUNG ASPIRATION OF PETROLEUM HYDROCARBON.

Medical Cond Aggravated by Exposure:DERMATITIS

First Aid

First Aid:EYE: FLUSH W/LARGE AMOUNTS OF FRESH WATER FOR AT LEAST 15 MINS. CONSULT PHYSICIAN. SKIN: WASH W/LOTS OF WARM, SOAPY WATER. REMOVE/WASH CONTAMINATED CLOTHING BEFORE REUSE. INHALATION: REMOVE TO FRESH A IR. GIVE MOUTH-TO-MOUTH RESUSITATION IFBREATHING IS STOPPED, GIVE OXYGEN. CALL PHYSICIAN. INGESTION: DON'T INDUCE VOMITING. GIVE 2-3 CUPS MILK OR WATER. CALL PHYSICIAN.

Fire Fighting

Flash Point:NO FLASHBACK

Lower Limits:2.0%

Upper Limits:12%

Extinguishing Media:WATER SPRAY, FOAM, CO2, DRY CHEMICAL. WATER/FOAM MAY CAUSE FROTHING. USE WATER SPRAY TO COOL FIRE-EXPOSED CONTAINERS.

Fire Fighting Procedures:IF LEAK OR SPILL HASN'T IGNITED, USE WATER SPRAY TO DISPERSE THE VAPORS/TO PROVIDE PROTECTION OF PERSONS ATTEMPTING TO STOP LEAKS.

Unusual Fire/Explosion Hazard:FIREFIGHTERS SHOULD WEAR

NIOSH/MSHA-APPROVED PRESSURE DEMAND SCBA TO PREVENT POSSIBLE

EXPOSURE TO HAZARDOUS THERMAL DECOMPOSITION PRODUCTS. COMPRESSED GAS.

Accidental Release

Spill Release Procedures: CAUTION-HARD SURFACES MAY BE VERY SLIPPERY. SMALL SPILLS: MOP/WIPE/SOAK UP BULK IMMEDIATELY. LARGE SPILLS: EVACUATE UNPROTECTED PERSONNEL. RECOVER/ABSORB SPILLED PRODUCT ON NON-COMBUSTIBLE MATERIALS SUCH AS DIATOMACEOUS EARTH OR VERMICULITE.

Handling

Handling and Storage Precautions: SOLVENT VAPORS ARE >AIR/WILL COLLECT IN LOW AREAS SUCH AS PITS, DEGREASERS, STORAGE TANKS/OTHER CONFINED AREAS. CONTENTS UNDER PRESSURE.

Other Precautions: AVOID SPREADING BURNING LIQUID W/WATER USED FOR COOLING PURPOSES. DON'T USE AROUND OPEN FLAMES. DON'T SMOKE, EAT, OR DRINK WHILE USING PRODUCT OR WHILE IN AREA WHERE PRODUCT IS BEING USED (ANY AREA WHERE MIST MAY MIGRATE TO).

Exposure Controls

Respiratory Protection: USE A NIOSH/MSHA APPROVED DUST/MIST MASK OR RESPIRATOR SUITABLE FOR PROTECTION FROM MINERAL OIL MIST. WEAR SELF-CONTAINED BREATHING APPARATUS OR AN AIR MASK W/INDEPENDENT AIR SUPPLY.

Ventilation: LOCAL EXHAUST SUFFICIENT TO MAINTAIN ADEQUATE AIR EXCHANGE TO AVOID VAPOR BUILDUP DURING SOLVENT EVAPORATION.

Protective Gloves: OIL RESISTANT

Eye Protection: SAFETY GOGGLES, FACE MASK

Other Protective Equipment: PROTECT FILM EASILY WASHES OFF W/SOLVENT OR BREAK-FREE WATER-BASED CLEANER/DEGREASER.

Work Hygienic Practices: WASH HANDS W/SOAP & WATER BEFORE EATING, DRINKING, SMOKING. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

Chemical Properties

Vapor Pres: 90

Vapor Density: 2.1-3.0

Spec Gravity: 0.93

Solubility in Water: 20%

Appearance and Odor: LIGHT TAN, CLEAR, OILY LIQUID W/SLIGHT TACK.

ALCOHOL ODOR.

Percent Volatiles by Volume: 40%

Stability

Stability Indicator/Materials to Avoid: YES

BARIUM, LITHIUM, POWDERED ALUMINUM, MAGNESIUM, ZINC, STRONG OXIDIZERS, CHROMIC ACID, HYDROGEN PEROXIDE, BROMINE.

Stability Condition to Avoid: FLAMES, SPARKS, HOT SURFACES, WELDING & IGNITION SOURCES.

Hazardous Decomposition Products: CO, CO₂, SOX/NOX, HALOGEN (CHLORINE, FLUORINE), HALOGEN ACIDS, CARBONYL HALIDES, TOXIC PHOSGENE.

Disposal

Waste Disposal Methods: PLACE CONTAMINATED MATERIALS IN CLOSED METAL CONTAINERS FOR DISPOSAL. DISPOSE OF ALL WASTES IN ACCORDANCE W/FEDERAL, STATE & LOCAL REGULATIONS.

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