

MATERIAL SAFETY DATA SHEET

Advanced Protective Technologies
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CHEMICAL EMERGENCY 24 HR PHONE NUMBER 1-800-535-5053

OUTSIDE UNITED STATES CALL 1-352-323-3500

ITEM NAME: **KBS Strip**

NFPA CODES 2,2,1,D

DOT PROPER SHIPPING NAME:

GALLONS OR LESS : CONSUMER COMMODITY ORM-D

MARITIME SHIPMENT

GALLON OR LESS : PAINT RELATED MATERIAL 8 UN3066 PGIII
LIMITED QUANTITY

LARGER THAN GALLON : PAINT RELATED MATERIAL 8 UN 3066 PGIII

INGREDIENTS:

COMPONENT	CAS	8 hr TWA OSHA PEL	ACGIH TLV	%WEIGHT
Methylene Chloride	(75-09-2)	25 PPM	25 PPM	73-78%
Methanol	(67-56-1)	200 PPM	200 PPM	< 13%
Ethylene Glycol Butyl Ether (111-76-2)		25 PPM	25 PPM	< 6%

PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	104°	Specific Gravity	1.16
Vapor Pressure @20° C	350	Melting Point	NA
Vapor Density (air=1)	2.93	Evaporation Rate (butyl Acetate =1)	14.5
Solubility in water	Rinseable		
Appearance and Odor	Clear Liquid, Low Characteristic Odor at 70°		

FIRE AND EXPLOSION HAZARD DATA

Flash Point:

No flash to boiling point, TOC

Flammable Limits: LEL: 14.0% UEL: 25.0%
NA

Extinguishing Media

CO2 Foam, Dry Powder

Special Fire Fighting Procedures

Pressure- Demand, Self Contained Respiratory Protection Should Be Provided For Fire Fighters In Confined Areas.

Unusual Fire and Explosion Hazards

Excessively High Temperatures and Open Flame Will Produce Hydrogen Chloride Plus Other Toxic Vapors Such As Phosgene Gas

REACTIVITY DATA

Stable

Avoid High Temperature, Open Flames, Excessive Hydralysis

Incompatibility:

Sodium, Potassium and Magnesium, Aluminum Storage Containers

Hazardous Decomposition or Byproducts:

Exposure To Open Flames Generate Hydrogen Chloride And Small Amount Of Phosgene and Chlorine.

Hazardous Polymerization:

Will Not Occur

HEALTH HAZARD DATA

Methylene Chloride LC50 24,445 PPM (Rat) LD50 2700mg/kg (Rabbit) LD50 2000-4000mg/kg (rat)

Health Hazard:

Acute- Excessive Inhalation Or Ingestion May Produce Symptons Of Central Nervous Sytem Depression, Light Headedness To Unconsciousness Or Death. Chronic Can Cause Headache, Mental Confusion, Depression, Nausea, Vomiting, Cough, Dermatitis, Liver Or Kidney Damage.

A 1986 NTP Animal Inhalation Study Report On Methylene Chloride States That There Is Clear Evidence of Carcinogenicity In Laboratory Animals.

Medical Conditions Aggravated by Exposure:

Persons With Angina Or Other Cardiovascular Disease Should Not Be Exposed To This Product.
Do Not Use If Pregnant

Emergency First Aid Procedures:

Skin: Wash Thoroughly With Soap And Water. Thoroughly Wash All Clothes Before Reuse.

Eyes: Flood With Water For At Least Fifteen Minutes With Eye Lids Open and Get Medical Attention.

Inhalation: If Illness Occurs, Move To Fresh Air, Call Physician.

Ingestion: Do Not Induce Vomiting, Call Physician.

PRECAUTIONS FOR SAFE HANDLING AND USE:

Small Spills: Mop Up, Wipe Up Or Soak Up Immediately. Remove To Out Of Doors.

Large Spills: Evacuate Area. Contain Liquid. Transfer To Closed Metal Container. Keep Out Of Water Supply.

Waste Disposal: Send To Licensed, Permitted Incinerators, Or Evaporate Very Small Quantities In Compliance With Local, State, And Federal Regulations.

Precautions In Handling And Storage: Exercise Reasonable Care And Caution. Store Containers In A Cool, Dry, Well Ventilated Area. Concentrated Vapors Of This Product Are Heavier Than Air And Will Collect In Low Areas.

CONTROL MEASURES

Respiratory Protection: If Less Than TLV None; Otherwise Supplied Air Respirator Required. Provide Adequate Ventilation. Move Fresh Air Over Work Area.

Impervious Gloves Should Be Worn. Goggles Should Be Worn. Protective Apron Recommended. Use Outdoors If Possible.