

MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

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SECTION I

MANUFACTURER'S NAME Hercules Chemical Company, Inc.		EMERGENCY TELEPHONE NO. 1-212-869-4330
ADDRESS (Number, Street, City, State, and ZIP Code) 29 W. 38th Street, New York, N.Y. 10018-1777		
CHEMICAL NAME AND SYNONYMS Organosol		TRADE NAME AND SYNONYMS ABS SOLVENT CEMENT
CHEMICAL FAMILY ABS	FORMULA ABS Resin in solvent solution.	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
Methyl Ethyl Ketone (CAS78-93-3)					200 PPM

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	175	SPECIFIC GRAVITY (H ₂ O=1)	.840
VAPOR PRESSURE (mm Hg.) (20°C)	71	PERCENT VOLATILE BY VOLUME (%)	83%
VAPOR DENSITY (AIR=1)	2.5	EVAPORATION RATE (_____ =1)	5.7
SOLUBILITY IN WATER (20°C)	19%		
APPEARANCE AND ODOR	Black viscous liquid. Acetone like odor.		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	TCC 25°F	FLAMMABLE LIMITS	Lel 1.97%	Uel 11.0%
EXTINGUISHING MEDIA	Carbon dioxide, dry chemical or alcohol foam.			
SPECIAL FIRE FIGHTING PROCEDURES	Handle as flammable liquid. Use spray nozzle discharge to assist in controlling the fire. Use CO ₂ or dry chemical for small fires. Use alcohol type foam for large fires.			
UNUSUAL FIRE AND EXPLOSION HAZARDS	Vapor is heavier than air and may travel considerable distance to source of ignition and flashback.			

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

Methyl Ethyl Ketone 200 PPM

EFFECTS OF OVEREXPOSURE

Dizziness, headache, lack of coordination. Severe overexposure to vapor can cause narcosis. Eye, throat & nose irritant.

EMERGENCY AND FIRST AID PROCEDURES

Vapors: remove to fresh air, give artificial respiration & oxygen if necessary. Liquid: remove contaminated clothing & wash affected skin with soap & water. Flush eyes thoroughly at least 15 minutes & consult physician.

SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID Spraks & open flame.
	STABLE	X	

INCOMPATIBILITY (Materials to avoid)

Avoid contact with strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS

May form carbon dioxide, carbon monoxide & various hydrocarbons, etc.

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID Avoid excessive exposure to air or oxygen.
	WILL NOT OCCUR	X	

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Eliminate all ignition sources. Flush with water. Avoid flushing into confined areas. Avoid prolonged breathing of vapors. Keep liquid out of eyes.

WASTE DISPOSAL METHOD

Incinerate

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (specify type) Self contained breathing apparatus. Positive pressure of airline masks, air pack or organic canister.

VENTILATION	LOCAL EXHAUST	SPECIAL
	As required	
	MECHANICAL (General)	OTHER

PROTECTIVE GLOVES PVA gloves	EYE PROTECTION Chemical safety goggles.
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OTHER PROTECTIVE EQUIPMENT
Aprons, boots, eye bath, safety shower.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Flammable. Prevent skin contact to avoid defatting action.

OTHER PRECAUTIONS

Use normal good personal hygiene.