

DIST: E H UNKED Safety

Revised

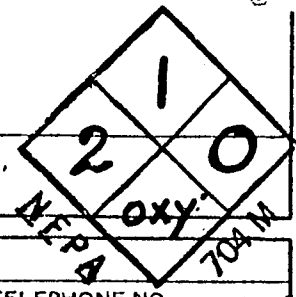
367A

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

APPROVED BY ANCHOR LITHKEMKO

MATERIAL SAFETY DATA SHEET

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



SECTION I

MANUFACTURER'S NAME ANCHOR/LITHKEMKO		EMERGENCY TELEPHONE NO. 1-904-264-3500
ADDRESS (Number, Street, City, State, and ZIP Code) 50 INDUSTRIAL LOOP, NORTH, ORANGE PARK, FL 32073		
CHEMICAL NAME AND SYNONYMS		TRADE NAME AND SYNONYMS #4055 Asphaltum Gum Etch Finisher
CHEMICAL FAMILY water-based emulsion containing gilsonite and aliphatic hydrocarbons	FORMULA	

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)
Aromatic Hydrocarbon	0-5	100 ppm
Organic Acid	0-5	10 ppm
Aliphatic Hydrocarbon	5-10	120 ppm
Preservative	Less than 1%	5ppm

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)		SPECIFIC GRAVITY (H ₂ O=1)	1.051
VAPOR PRESSURE (mm Hg.)		PERCENT VOLATILE BY VOLUME (%)	
VAPOR DENSITY (AIR=1)		EVAPORATION RATE (_____ =1)	
SOLUBILITY IN WATER	50%		
APPEARANCE AND ODOR Opaque, brown (dark) liquid; mild odor			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used): None applicable	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA Water, foam, carbon dioxide, dry powder			
SPECIAL FIRE FIGHTING PROCEDURES			
UNUSUAL FIRE AND EXPLOSION HAZARDS			

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

EFFECTS OF OVEREXPOSURE

Possible skin irritant.

EMERGENCY AND FIRST AID PROCEDURES

Eyes: flush with copious amounts of clean water; see doctor. Skin: wash with soap and water. Inhalation: remove person to fresh air. Ingestion: do not

induce vomiting; seek medical attention immediately.

SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	

INCOMPATIBILITY (Materials to avoid)

HAZARDOUS DECOMPOSITION PRODUCTS

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Small spills should be flushed with large quantities of water. Larger spills should be diluted with water and collected for later disposal.

WASTE DISPOSAL METHOD

Dispose in accordance with applicable local, state and federal regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

organic vapor - canister or cartridge mask

VENTILATION	LOCAL EXHAUST preferable	SPECIAL
	MECHANICAL (General) acceptable	OTHER

PROTECTIVE GLOVES Rubber	EYE PROTECTION goggles
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OTHER PROTECTIVE EQUIPMENT

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store at room temperature. Do not freeze.

OTHER PRECAUTIONS

Avoid prolonged or repeated skin contact.

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results obtained from its use.