

EK

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

Form Approved
 OMS No. 44-R1287

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 Chekol Laboratories Ltd		EMERGENCY TELEPHONE NO. 312-326-1667
ADDRESS (Number, Street, City, State, and ZIP Code) 2335 S. Michigan Ave. Chicago, Ill. 60616		
CHEMICAL NAME AND SYNONYMS		TRADE NAME AND SYNONYMS CHEKOL 50
CHEMICAL FAMILY		

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)
I.P.A.				50	600

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	196°F	SPECIFIC GRAVITY (H₂O=1)	0.83
VAPOR PRESSURE (mm Hg.)	33	PERCENT VOLATILE BY VOLUME (%)	50%
VAPOR DENSITY (AIR=1)	2.2	EVAPORATION RATE (— = 1)	n/a
SOLUBILITY IN WATER	complete		
APPEARANCE AND ODOR clear appearance, floral fragrance			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) 80°F. (TOC)	FLAMMABLE LIMITS	LEL 2.0	UEL 12.0
EXTINGUISHING MEDIA Carbon Dioxide, Powders.			
SPECIAL FIRE FIGHTING PROCEDURES none			
UNUSUAL FIRE AND EXPLOSION HAZARDS none			

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

600

EFFECTS OF OVEREXPOSURE

Prolonged breathing (over 72 hours) some dizziness, headache, irritation to eyes nose and Throat. If swallowed, call physician, induce vomiting

EMERGENCY AND FIRST AID PROCEDURES

Call Physician If in the eyes, flush with water.

SECTION VI - REACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

STABLE

x

open flame

INCOMPATIBILITY (Materials to avoid)

none

HAZARDOUS DECOMPOSITION PRODUCTS

none

HAZARDOUS
POLYMERIZATION

MAY OCCUR

CONDITIONS TO AVOID

WILL NOT OCCUR

x

open flame

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Mop floor with water, flush down sewer.

WASTE DISPOSAL METHOD

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

none

VENTILATION

LOCAL EXHAUST

normal room ventilation

SPECIAL

MECHANICAL (General)

OTHER

PROTECTIVE GLOVES

optional

EYE PROTECTION

optional

OTHER PROTECTIVE EQUIPMENT

apron-optional

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store in cool, dark area.

OTHER PRECAUTIONS

none