

MATERIAL SAFETY DATA SHEET 000001

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

SECTION I

MANUFACTURER'S NAME W.M. BARR & COMPANY		EMERGENCY TELEPHONE NO. 901-775-0100
ADDRESS (Number, Street, City, State, and ZIP Code) 2105 Channel Avenue Memphis, TN 38101		
CHEMICAL NAME AND SYNONYMS Liquid Hand Cleaner		TRADE NAME AND SYNONYMS Black & Decker KH-50
CHEMICAL FAMILY Hand Cleaner	FORMULA Proprietary (250)	

SECTION II—HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	% Wt.	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS		PPM	BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS Order Less Mineral Spirits	35	500	FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS Propylene Glycol	< 5				
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)

SECTION III—PHYSICAL DATA*

BOILING POINT (°F.) Approx. Range	176 - 403°F	SPECIFIC GRAVITY (H ₂ O = 1)	.894
VAPOR PRESSURE (mm Hg.)	Mineral Spirits I @ 37.8°C Propylene Glycol 0.08 @ 20°C	PERCENT. VOLATILE BY VOLUME (%)	95.0
VAPOR DENSITY (AIR = 1)	Heavier Than Air	EVAPORATION RATE (Ether = 1)	Slower Than Ether
SOLUBILITY IN WATER			
APPEARANCE AND ODOR			

SECTION IV—FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	121°F Via Set Flash CC	FLAMMABLE LIMITS	LeI	UeI
		Combustible Class II	1.0	
EXTINGUISHING MEDIA	Use NFPA Class ABC Extinguishers (Carbon Dioxide or Dry Powder)			
SPECIAL FIRE FIGHTING PROCEDURES	None Required			
UNUSUAL FIRE AND EXPLOSION HAZARDS	None Known			

SECTION V—HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE	See Section II
EFFECTS OF OVEREXPOSURE	Acute: None Recognized
	Chronic: None Recognized
EMERGENCY AND FIRST AID PROCEDURES	If swallowed - do not induce vomiting. Call your Poison Control Center, hospital emergency room or physician immediately. Eye contact - flush with water. If irritation persists, get medical attention.

SECTION VI—REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	XX	
INCOMPATIBILITY (Materials to avoid)			
HAZARDOUS DECOMPOSITION PRODUCTS			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	XX	

SECTION VII—SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	N/A
WASTE DISPOSAL METHOD	N/A

SECTION VIII—SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type) N/A		
VENTILATION	LOCAL EXHAUST	SPECIAL
	MECHANICAL (General)	OTHER
PROTECTIVE GLOVES	N/A	EYE PROTECTION N/A
OTHER PROTECTIVE EQUIPMENT N/A		

SECTION IX—SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
OTHER PRECAUTIONS