

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 HURST GRAPHICS	EMERGENCY TELEPHONE NO. (213) 223-4121
ADDRESS (Number, Street, City, State, and ZIP Code) 2500 San Fernando Road, Los Angeles, CA 90065	
CHEMICAL NAME AND SYNONYMS Hurst No. 2001	TRADE NAME AND SYNONYMS Type Wash
CHEMICAL FAMILY Hydrocarbon Mixture	FORMULA Complex Proprietary Blend

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
Cyclohexane		300A	Ethyl Acetate		400A
N. Heptane		500A	Acetone		1000A
Methyl Cyclohexane		500A	Toluene		200A
Methanol		200A	FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	133-225	SPECIFIC GRAVITY (H ₂ O=1)	7679
VAPOR PRESSURE (mm Hg.)	320	PERCENT, VOLATILE BY VOLUME (%)	100
VAPOR DENSITY (AIR=1)	4	EVAPORATION RATE (BUAC = 1)	.1
SOLUBILITY IN WATER	22%		
APPEARANCE AND ODOR	Clear, has little if any color, has characteristic odor		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	Below 20°F.	FLAMMABLE LIMITS	n/e	Lel	Uel
EXTINGUISHING MEDIA	Foam, CO ₂ , dry chemical				
SPECIAL FIRE FIGHTING PROCEDURES	Use of self-contained breathing apparatus if recommended. Water may be unsuitable as an extinguishing media, but helpful in keeping adjacent containers cool.				
UNUSUAL FIRE AND EXPLOSION HAZARDS	Avoid spreading, burning liquid with water used for cooling purposes.				
Keep work area free of hot metal surfaces of ignition.					

raw material suppliers. HURST GRAPHICS does not guarantee the accuracy of the data therein, nor assume liability of any kind in releasing Material Safety Data Sheets. Caution is advised with regard to Threshold Limit Value (TLV), because these values are constantly being revised (both higher and lower).

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE	Not established - estim. 300ppm TWA
EFFECTS OF OVEREXPOSURE	Prolonged or repeated skin contact may cause dermatitis. Eye irritant, systematic effects. Respiratory tract irritation. Anaesthesia in high concentrations, nausea and vomiting, inebriation, possible blindness, liver damage and kidney damage in some lab animals. Absorption through skin intact.
EMERGENCY AND FIRST AID PROCEDURES	EYES: Flush with water 15 mins, call a physician. SKIN: Wash with water, call a physician (if irritation persists). INHALATION: If breathing difficulties, dizziness or lightheadedness occurs, remove from work area into fresh air. If breathing stops, call a physician. INGESTION: Induce vomiting, call a physician.

SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	
INCOMPATIBILITY (Materials to avoid)	Strong oxidizing agents, strong acids or bases of ignition		
HAZARDOUS DECOMPOSITION PRODUCTS	Thermal decomposition may yield carbon monoxide and/or carbon dioxide.		
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	Keep sources of ignition and hot metal surfaces isolated from the spill. Flush spilled material into suitable retaining areas or containers with large quantities of water. Small amounts may be absorbed into an appropriate absorbant.
WASTE DISPOSAL METHOD	Dispose of product in accordance with applicable local, county, state and federal regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)	Cartridge respirator or gas mask for concentrations above the TLV limit.	
VENTILATION	LOCAL EXHAUST	SPECIAL
	MECHANICAL (General) Preferred	OTHER
PROTECTIVE GLOVES	yes	EYE PROTECTION Safety goggles
OTHER PROTECTIVE EQUIPMENT	Impermeable aprons	

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	Keep containers cool, dry and away from sources of ignition. Use and store with adequate ventilation. Keep containers closed when not in use.
OTHER PRECAUTIONS	Avoid inhalation of vapor. Avoid personal contact. Should contact be made, remove saturated clothing and flush affected areas with water.