

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 KLO-TOX PRODUCTS COMPANY <i>Spotz</i>		EMERGENCY TELEPHONE NO. (315) 488-8651
ADDRESS (Number, Street, City, State, and ZIP Code) Wilson Building, 306 S. Salina St., Syracuse, NY 13202		
CHEMICAL NAME AND SYNONYMS Petroleum Solvent		TRADE NAME AND SYNONYMS SPOTZ
CHEMICAL FAMILY Petroleum Hydrocarbon	FORMULA Complex mixture of petroleum hydrocarbons	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS		n.a.	BASE METAL		n.a.
CATALYST		n.a.	ALLOYS		n.a.
VEHICLE		n.a.	METALLIC COATINGS		n.a.
SOLVENTS	100	100 ppm	FILLER METAL PLUS COATING OR CORE FLUX		n.a.
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)

SECTION III - PHYSICAL DATA

BOILING POINT (°F) IBP-FBP(290-319°) ¹⁴² 139°C	SPECIFIC GRAVITY (H ₂ O=1) 15.6°/15.6°C	0.85
VAPOR PRESSURE (mm Hg.) @ 25°C	35	PERCENT VOLATILE BY VOLUME (%) 100
VAPOR DENSITY (AIR=1)	4.03	EVAPORATION RATE (_____ =1) 0.5
SOLUBILITY IN WATER	Negligible	
APPEARANCE AND ODOR	Water-white liquid. Aromatic hydrocarbon odor	

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) Tag Closed Cup 31°C (87°F)	FLAMMABLE LIMITS	Lel 0.97%	Uel 6.7%
EXTINGUISHING MEDIA Foam, dry chemical, CO ₂ , water spray or fog			
SPECIAL FIRE FIGHTING PROCEDURES Use air-supplied rescue equipment for enclosed areas			
Cool exposed containers with water			
UNUSUAL FIRE AND EXPLOSION HAZARDS Do not store or mix with strong oxidants			
Combustible liquid			

n.a. = not applicable (Continued on reverse side)

**MAINTENANCE PRODUCTS
& EQUIPMENT COMPANY**
By Weinheimer
709 Erie Blvd. West
Syracuse, NY 13204
1-315-475-6301

SECTION V - HEALTH HAZARD DATA

LEAD LIMIT VALUE

100 ppm. for 8-hour workday

EFFECTS OF OVEREXPOSURE Avoid breathing vapor. Inhalation of high vapor concentration may have results ranging from dizziness & headaches to unconcibusiness. Prolonged or repeated liquid contact will dry & defat skin leading to irritation & dermatitis.

EMERGENCY AND FIRST AID PROCEDURES

If overcome by vapor, remove from exposure immediately; call a physician. If breathing is irregular or stopped, start resuscitation, administer oxygen. If swallowed do not induce vomiting; call a physician. Remove contaminated clothing and wash skin with soap and water. Flush eyes with water until irritation subsides.

SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	
INCOMPATIBILITY (Materials to avoid)			
Strong oxidants like liquid chlorine and concentrated oxygen			
HAZARDOUS DECOMPOSITION PRODUCTS			
Carbon monoxide in the case of incomplete combustion			
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
Remove all ignition sources. Keep people away. Recover free liquid. Add absorbent to spill area. Avoid breathing vapors. Ventilate enclosed spaces. Open all windows and doors. Keep petroleum products out of public sewers, streams, and waterways.

WASTE DISPOSAL METHOD

Dispose of waste by supervised incineration or in a chemical disposal area in compliance with local regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

Hydrocarbon vapor canister or supplied-air hose mask if needed.

VENTILATION	LOCAL EXHAUST	SPECIAL
	Face velocity >60 fpm	Use only with adequate* ventil
	MECHANICAL (General)	OTHER
	Explosion-proof ventilation eqpt.	No smoking or open lights ti

PROTECTIVE GLOVES Normally not needed EYE PROTECTION Normally not needed

Use chemical-resistant gloves to avoid skin contact if necessary

OTHER PROTECTIVE EQUIPMENT

Hydrocarbon-insoluble apron if needed

* Adequate means equivalent to outdoors ventilation

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep containers closed. Keep away from heat and open flame

OTHER PRECAUTIONS

Avoid breathing vapors. Avoid prolonged or repeated contact with skin. Remove contaminated clothing; wash before re-use. Wash skin with soap and water after contact