

MATERIAL SAFETY DATA SHEET

000252

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

SECTION I

MANUFACTURER'S NAME Hilord Chemical Corporation		EMERGENCY TELEPHONE NO. 716-656-3424
ADDRESS (Number, Street, City, State, and ZIP Code) 70 Engineers Road, Hauppauge, New York 11787		
CHEMICAL NAME AND SYNONYMS Electrostatic Premix	TRADE NAME AND SYNONYMS Canon CP-370 N-P Premix	
CHEMICAL FAMILY Petroleum derivatives	FORMULA Complex mixture of pigments, resins & Isopar G	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS	.049	--	BASE METAL		
CATALYST			ALLOYS		
VEHICLE	.045	--	METALLIC COATINGS		
SOLVENTS	99.906	400	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.) IBP-FBP	320-350	SPECIFIC GRAVITY (H ₂ O=1)	0.75
VAPOR PRESSURE (mm Hg.) @20°C	2	PERCENT VOLATILE BY VOLUME (%)	99.906
VAPOR DENSITY (AIR=1)	5	EVAPORATION RATE (n-BuOAc = 1)	0.45
SOLUBILITY IN WATER	negligible		
APPEARANCE AND ODOR Black, slightly viscous liquid with faint hydrocarbon			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) Tag Closed Cup 104-107°F	FLAMMABLE LIMITS	LeL	UeL
		0.8	7.0
EXTINGUISHING MEDIA Water fog, dry chemical, foam or carbon dioxide.			
SPECIAL FIRE FIGHTING PROCEDURES Do not use water spray or flooding, as this tends to spread burning liquid.			
UNUSUAL FIRE AND EXPLOSION HAZARDS Do not store or mix with strong oxidants.			
Combustible liquid.			

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE
400 ppm for 8-hour working day.

EFFECTS OF OVEREXPOSURE

Inhalation of high vapor concentrations (attainable at elevated temperature) may have effects ranging from mild depression to respiratory irritation. Prolonged contact with skin may lead to extraction of natural oils with resultant irritation.

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. Remove contaminated clothing and wash skin with soap and water. Flush eyes with water until irritation subsides. If swallowed do not induce vomiting, call a physician.

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 ignition sources. Recover free liquid. Add absorbent to spill area.

Avoid breathing vapors. Ventilate enclosed spaces. Keep petroleum products out of public sewers, ditches, and bodies of water.

WASTE DISPOSAL METHOD
Assure conformity with applicable disposal regulations. Dispose of absorbed material at an approved disposal site or facility.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type) Normally not needed.						
VENTILATION	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">LOCAL EXHAUST Face Velocity > 60 fpm</td> <td style="width: 50%;">SPECIAL Use with adequate* ventilation.</td> </tr> <tr> <td>MECHANICAL (General) Use explosion-proof equipment</td> <td>OTHER No smoking or open lights</td> </tr> </table>	LOCAL EXHAUST Face Velocity > 60 fpm	SPECIAL Use with adequate* ventilation.	MECHANICAL (General) Use explosion-proof equipment	OTHER No smoking or open lights	
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PROTECTIVE GLOVES Normally not needed	EYE PROTECTION Normally not needed					
OTHER PROTECTIVE EQUIPMENT Oil-impervious apron, if needed.						

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 prolonged or repeated contact with skin. Remove contaminated clothing.
Wash skin with soap and water after contact.

* Adequate means equivalent of outdoors ventilation.
PAGE (2) ventilation.