



MATERIAL SAFETY DATA SHEET

I. PRODUCT INFORMATION

Trade Name: Presto Black Ink 537
Chemical names, common names: Complex hydrocarbon based dispersion.
Manufacturer's Name: HURST CHEMICAL COMPANY
Address: 2500 San Fernando Road, Los Angeles, CA. 90065
DOT CLASSIFICATION: Printing Ink (Not Regulated)
For Product Information, call : (323) 223-4121
FOR EMERGENCY, CALL CHEMTREC, 24 HOUR: 800 424-9300

II. HAZARDOUS INGREDIENTS

<u>Chemical Names</u>	<u>CAS Number</u>	<u>Exposure Limits in Air</u> <u>ACGIH (TWA)</u>	<u>OSHA (PEL)</u>
Hydrotreated Oil	64742-46-7	5mg/m3(mist)	N/A

Section IIA - This product contains the following chemicals subject to reporting requirements of SARA 313 and 40 CFR 372.

<u>Listed Ingredients</u>	<u>CAS Number</u>	<u>Weight % Range</u>
NONE	NONE	NONE

III. PHYSICAL PROPERTIES

Vapor density (air = 1): >1
Solubility in water: < 1
Evaporation rate (Bu Ac = 1):<1
Appearance and odor: Black paste, slight petroleum odor.
Volatile Organic Content (VOC,EPA Method 24): 46 gm/l : 0.38 lb/gallonl

Specific Gravity: 1.00
VOC Composite Partial Pressure, mm Hg at 20°C: < 1
Boiling Range °F: 520-590
Density lb/gal: 8.34
Tack#: 18

IV. FIRE AND EXPLOSION

HAZARD RANKING

HMIS	Health Hazard=1	0=Least	4=Extreme
HAZARD	Flammability=1	1=Slight	
CLASS	Reactivity= 0	2=Moderate	
	Other = B	3 = High	
		B=Safety Goggles and Gloves	

Flash Point °F: > 200

Flammable limits in air, volume%: lower: 1.1 upper: n/a

Fire extinguishing materials: N water spray Y carbon dioxide Y foam
Y dry chemical N other

Special firefighting procedures: Use water spray to keep containers cool. Solvent vapors exposed to open flames can become flammable under certain conditions, then use foam, dry chemical or CO2 to extinguish.

Unusual fire and explosion hazard: Dense smoke may be generated by burning.

V. HEALTH HAZARD INFORMATION

SYMPTOMS OF OVEREXPOSURE FOR EACH POTENTIAL ROUTE OF EXPOSURE -

Inhaled: Excessive inhalation of mist may cause local irritation and dizziness.

Contact with skin or eyes: Irritation of eyes and skin possible.

Absorbed through skin: Possible skin irritant and dermatitis.

Swallowed: Ingestion may cause local irritation of mouth, and stomach

HEALTH EFFECTS OR RISKS FROM EXPOSURE -

Acute: Irritation of eyes, skin and mucous membranes.

Chronic: n/a

FIRST AID: EMERGENCY PROCEDURES -

Eye contact: Flush eyes immediately with water.

Skin contact: Wash promptly with soap and water.

Inhaled: Remove from exposure to fresh air, apply artificial respiration if necessary.

Swallowed: Seek medical advice. DO NOT give counter agents or induce vomiting.

SUSPECTED CANCER AGENT? - This product contains no ingredients which are listed in the Federal OSHA, NTP, IARC, or OSHA lists of suspected carcinogenic chemicals.

VI. REACTIVITY DATA

Stability: Stable under ordinary conditions of use and storage.

Incompatibility (materials to avoid): Strong oxidizing agents.

Hazardous decomposition products : Carbon dioxide and Carbon monoxide

Hazardous polymerization: Will not polymerize

VII. SPILL, LEAK, AND DISPOSAL PROCEDURES

Spill response procedures: Remove all sources of ignition. Absorb the spill with inert material (ie, earth or sand). Scoop contaminated absorbent into sealable containers for disposal, and wash area with detergent and water to remove residue. Dispose of Wipers (if wipe materials used) in containers approved for oily waste.

Preparing wastes for disposal: Dispose of product in accordance with Local, County, State & federal regulations.

VIII. SPECIAL HANDLING INFORMATION

Ventilation and engineering controls: General in accordance with good engineering practice must be provided to keep mist concentration below PEL Value.

Respiratory Protection: In working atmosphere where mist is prevalent, use NIOSH-approved air purifying respirator with mist filter.

Eye Protection: Use safety goggles where solvent splashes are expected.

Gloves: Prevent repeated or prolonged skin contact with Nitrile gloves.

Other clothing and equipment: It is suggested that a source of clean water be available in work area for flushing eyes & skin. Impervious clothing should be worn as needed.

OTHER HANDLING AND STORAGE REQUIREMENTS:

Keep containers tightly closed. Keep containers cool, dry and away from sources of ignition. Use and store this product with adequate ventilation. Avoid inhalation of vapors and personal contact with the product. Use good personal hygiene practice. "Empty" containers retain residue (liquid and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind or expose such containers to heat, flame, sparks or other sources of ignition; they may explode and cause injury or death.

HURST CHEMICAL COMPANY furnishes Material Safety Data Sheets based upon information from raw material suppliers. This information is provided in compliance with Federal Regulation 29CFR 1910.

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