

# MATERIAL SAFETY DATA SHEET

## **I. PRODUCT INFORMATION**

Trade Name: No. 8 Ink Gloss

Chemical names, common names: Complex hydrocarbon based solution

Manufacturer's Name: HURST CHEMICAL COMPANY

Address: 2500 San Fernando Road, Los Angeles, CA 90065

DOT CLASSIFICATION: Not regulated.

For Product Information, call: (213) 223-4121

FOR EMERGENCY, CALL CHEMTREC, 24 HOUR: 800 424-9300

#### II. HAZARDOUS INGREDIENTS

**Exposure Limits in Air** 

<u>Chemical Names</u> <u>CAS Number</u> <u>ACGIH (TWA)</u> <u>OSHA (PEL)</u> Heavy mineral spirits 64742-47-8 100 ppm 100 ppm

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

#### **III. PHYSICAL PROPERTIES**

<u>Vapor density (air = 1):</u> No Data <u>Specific Gravity:</u> 0.93 <u>Density lb/gal:</u> 7.75 <u>Solubility in water:</u> Nill <u>VOC Composite Partial Pressure, mm Hg at 20°C: < 1</u>

Evaporation rate (Bu Ac = 1): n/a Boiling Range °F: n/a Appearance and odor: Clear, amber liquid, with mild hydrocarbon odor. Photochemical Reactivity Rule-102: Non Photochemically Reactive Volatile Organic Content (VOC,EPA Method 24): 275 gm/l or 2.3 lb/gal

# **IV. FIRE AND EXPLOSION**

HAZARD RANKING

HMIS Health Hazard=1 0=Least 4=Extreme

HAZARD Flammability=2 1=Slight
CLASS Reactivity= 0 2=Moderate
Other= Safety Goggles and Gloves 3 = High

Flash Point °F: 166 PMCC Autoignition temperature °F: n/a

Fire extinguishing materials: No water spray Yes carbon dioxide Yes foam

Yes dry chemical No other

<u>Special firefighting procedures:</u> Solvent vapors exposed to open flames can become combustible under certain conditions. Then use foam, dry chemical or CO<sub>2</sub> to extinguish.

<u>Unusual fire and explosion hazards:</u> A straight stream of water will spread fire, a vapor accumulation will flash and/or explode if ignited. Empty containers also present fire and explosion hazard due to residual vapors.

### V. HEALTH HAZARD INFORMATION

# SYMPTOMS OF OVEREXPOSURE FOR EACH POTENTIAL ROUTE OF EXPOSURE -

Inhaled: Possible irritation of nose and throat, headache, dizziness, drowsiness, narcosis.

Contact with skin or eyes: Possible irritation of eyes and skin.

Absorbed through skin: Possible skin irritant, defatting and dermatitis, swelling, rash.

Swallowed: Nausea

## 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, consult a physician.

COMMENTS: Reports have associated repeated and prolonged occupational over exposure to solvents with permanent brain and nervous system damage (sometimes referred to as solvent or painter's syndrome). Intentional misuse by deliberately concentrating or inhaling this product may be harmful or fatal.

carcinogenicity: cobalt compounds.

IARC: Yes NTP: No OSHA: No

### **VI. REACTIVITY DATA**

Stability: Stable under ordinary conditions of use and storage.

Incompatibility (materials to avoid): Strong oxidizers, avoid open flame, sparks or high temperature.

Hazardous decomposition products (including combustion products): Carbon dioxide and carbon monoxide

Hazardous polymerization: Will not polymerize under ordinary conditions of use and storage.

#### VII. SPILL, LEAK, AND DISPOSAL PROCEDURES

Spill response procedures: Eliminate ignition sources. Provide adequate ventilation. Avoid breathing vapors. Shut off source of spill if can be done safely. Use non-sparking tools. Absorb on absorbent material.

Preparing wastes for disposal: use methods of disposal which are in compliance with federal, state and local regulations.

#### **VIII. SPECIAL HANDLING INFORMATION**

Ventilation and engineering controls: Use with adequate ventilation. Floor ventilation is preferred.

Provide local exhaust ventilation to keep air contaminant concentration below exposure limit.

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

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

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

Other clothing and equipment: Remove non-impervious clothing that becomes wet to prevent fire and irritation source. Work practices, hygienic practices: Practice personal cleanliness by prompt removal of solvent in contact with skin. Train all employees on special handling procedures prior to working with this product.

## OTHER HANDLING AND STORAGE REQUIREMENTS:

Store in original containers in a cool location, safe from physical damage, with containers tightly closed. Do not store above 120°F. Drums or pails should be grounded when pouring. DO NOT puncture or cut, weld near this container. DO NOT reuse containers.

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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Prepared By: A. O. KORKIN, Ph.D.