



MATERIAL SAFETY DATA SHEET

I. PRODUCT INFORMATION

Trade Name: High Gloss Overprint Varnish 25X
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 : (323) 223-4121
FOR EMERGENCY, CALL CHEMTREC, 24 HOUR: 1800 424-9300

II. HAZARDOUS INGREDIENTS

Table with columns: Chemical Names, CAS Number, Exposure Limits in Air (ACGIH (TWA), OSHA (PEL)). Row: 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.

Table with columns: Listed Ingredients, CAS Number, Weight % Range. Row: None, None, None.

III. PHYSICAL PROPERTIES

Vapor density (air = 1): No Data
Solubility in water: nill
Evaporation rate (Bu Ac = 1): 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

Table showing hazard ranking: HMIS Health Hazard=1, 0=Least, 4=Extreme; HAZARD Flammability=2, 1=Slight; CLASS Reactivity= 0, 2=Moderate; Other= Safety Glasses & Gloves, 3 = High.

Flash Point °F: 166°F Autoignition temperature °F: n/a
Flammable limits in air, volume%: lower 1.3 upper 9.5
Fire extinguishing materials: No water spray, Yes carbon dioxide, Yes foam, Yes dry chemical, No other

Special firefighting procedures: Solvent vapors exposed to open flames can become combustible under certain conditions. Then use foam, dry chemical or CO2 to extinguish.

Unusual fire and explosion hazards: 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.
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.

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.

IRAC: Yse

NTP: No

OSHA: NO

VI. REACTIVITY DATA

Stability: Stable under ordinary conditions of use and storage.

Incompatibility (materials to avoid): Strong oxidizers

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: Incinerate in accordance with pollution control regulations, or use methods of disposal which are in compliance with federal, state and local regulations.

VIII. SPECIAL HANDLING INFORMATION

Ventilation and engineering controls: Normal shop ventilation is adequate. Floor ventilation is preferred.

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 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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