

MATERIAL SAFETY DATA SHEET

=====I. PRODUCT INFORMATION=====

Trade Name: No. 94 Overnite Spray
Chemical names, common names:
Complex chlorinated-hydrocarbon aerosol mixture
Manufacturer's Name: HURST GRAPHICS, INC.
Address: 2500 San Fernando Road, Los Angeles, CA 90065
Business/Emergency Phone Number: (213) 223-4121
MSDS Coordinator: CJ Nelson

=====II. HAZARDOUS INGREDIENTS=====

<u>Chemical Names</u>	<u>CAS Numbers</u>	<u>Exposure Limits in Air</u>	
		<u>ACGIH (TWA)</u>	<u>CAL-OSHA (PEL)</u>
Methylchloroform	71-55-6 (500 ppm excursion)	350 ppm	350 ppm
Methylene Dichloride	75-09-2	100 ppm	100 ppm
Hydrocarbon Propellant	74-98-6	1000ppm	1000ppm

=====III. PHYSICAL PROPERTIES=====

Vapor density (air = 1): >1 Specific Gravity: n/a
Solubility in water: < 1% Vapor Pressure, mmHg at 20°C: n/a
Evaporation rate (Bu Ac = 1): < 1.0 Boiling Point, °F: n/a
Appearance and odor: Wet aerosol spray, with chlorinated solvent odor.
Volatile Organic Content (VOC): Approx. 140gm/l or 1.17 lb/gal

=====IV. FIRE AND EXPLOSION=====

Flash Point, °F: n/a Autoignition temperature, °F: n/a
Flammable limits in air, volume %: lower n/a upper n/a
Fire extinguishing materials: n/a water spray Y carbon dioxide
n/a foam Y dry chemical Y other (see special firefighting procedures)
Special firefighting procedures: Keep containers cool to protect against bursting or rupturing.
Unusual fire and explosion hazards: Containers may vent or burst at temperatures above 130° F.

=====V. HEALTH HAZARD INFORMATION=====

SYMPTOMS OF OVEREXPOSURE FOR EACH POTENTIAL ROUTE OF EXPOSURE -

Inhaled: Unusual fatigue, light headedness, irritation of nose and throat
Contact with skin or eyes: Irritation of eyes and skin.
Absorbed through skin: Numbness and tingling of limbs; irritation of skin
Swallowed: Nausea

HEALTH EFFECTS OR RISKS FROM EXPOSURE -

Acute: Sleepiness; skin, eye and respiratory tract irritation; defatting of tissue with prolonged contact; mild central nervous system depression.
Chronic: Cumulative exposure target organs are liver, kidneys and respiratory system.

=====V. HEALTH HAZARD INFORMATION(CONT)=====

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 may contain ingredients which are possible human cancer hazards based upon tests with laboratory animals (IARC). It has not been identified as a carcinogen or probable carcinogen by Fed.-OSHA, CAL-OSHA OR NTP.

COMMENT: This product contains ingredients which have been associated with chromosome alterations and mutagenicity in laboratory tests. Some ingredients form carbon monoxide in the body and may interfere with normal blood function under high exposure conditions. Pre-existing liver and/or kidney disorders may be aggravated by exposure to this material. Intentional misuse by inhaling this product may cause liver, kidney and/or brain damage, and other harmful effects or may be fatal.

- 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)

MEDICAL CONDITION AGGRAVATED BY EXPOSURE - Prior history of chronic respiratory or skin disease.

RECOMMENDATIONS TO PHYSICIAN - If signs of central nervous system depression occur, obtain blood glucose and complete neurological examination.

=====VI. REACTIVITY DATA=====

Stability: Stable under ordinary conditions of use and storage.

Incompatibility (materials to avoid): n/a

Hazardous decomposition products (including combustion products):

Carbon dioxide, carbon monoxide, hydrogen chloride, phosgene gases.

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

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

Spill response procedures: Eliminate ignition sources. Contain spills for salvage or disposal. Minimize dilution water to control spill volume. Avoid run-off into sewers and ditches.

Preparing wastes for disposal: Consult federal, state, and local regulations controlling proper disposal of chlorinated hydrocarbon liquid based material.

=====VIII. SPECIAL HANDLING INFORMATION=====

Ventilation and engineering controls: Ventilation is essential for maintaining a safe level of vapor concentrations. Floor level ventilation is preferred.

Respiratory Protection: In working atmosphere where TLV (or PEL) levels are exceeded, use NIOSH-approved "supplied air" respirators. Do not exceed 500 ppm without further protection.

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

Gloves: Prevent repeated or prolonged skin contact with viton or other solvent-resistant gloves.

Other clothing and equipment: Remove non-impervious clothing that becomes wet to prevent irritation source.

Work practices, hygienic practices: Practice personal cleanliness by prompt removal of liquid 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 reuse containers.

DATE PREPARED: November, 1988

PREPARED BY: A. Korin/W. Logan