

MATERIAL SAFETY DATA SHEET

I. PRODUCT INFORMATION

Trade Name: No. 97 Anti-Static Spray
Chemical names, common names: Complex hydrocarbon based 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

Chemical Names	CAS Numbers	Exposure Limits in Air	
		ACGIH (TWA)	CAL-OSHA (PEL)
Ethanol	64-17-5	1000 ppm	1000 ppm
Hydrocarbon Propellant	68-476-85-7	1000 ppm	1000 ppm

III. PHYSICAL PROPERTIES

Vapor density (air = 1): >1 Specific Gravity: 0.72
Solubility in water: >10% 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, slight acrylic odor.
Volatile Organic Content (VOC): 720 gm/l or 6.00 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 containers.
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: Possible irritation of nose and throat
Contact with skin or eyes: Irritation of eyes and skin.
Absorbed through skin: Possible skin irritant
Swallowed: Nausea

HEALTH EFFECTS OR RISKS FROM EXPOSURE -

Acute: Irritation of eyes, skin and mucous membranes.
Chronic: n/a

=====V. HEALTH HAZARD INFORMATION(CON'T)=====

AID: EMERGENCY PROCEDURES -

contact: Flush eyes immediately with water.

contact: Wash promptly with soap and water.

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

allowed: Seek medical advice. DO NOT give counteragents or induce vomiting.

ADVISMENTS:

- This product has not been identified as a carcinogen or probable carcinogen by NTP, IARC or OSHA.
- 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.
- Long term ingestion of large quantities of ethanol has been associated with liver damage irreversible changes in the genetic material (DNA) of a cell and adverse effects on the reproductive system and developing fetus. Such effects have not been reported or are expected from normal occupational exposure to ethanol.

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

RECOMMENDATIONS TO PHYSICIAN - n/a

=====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.

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 biodegradable cleaning solutions.

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

Utilization 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 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 neoprene or other solvent-resistant 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 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

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