



**MATERIAL SAFETY DATA SHEET**

**I. PRODUCT INFORMATION**

Trade Name: Dry Anti-Static Spray 98  
Chemical names, common names: Complex hydrocarbon based mixture  
Manufacturer's Name: HURST CHEMICAL COMPANY.  
Address: 2500 San Fernando Road, Los Angeles, CA 90065  
DOT CLASSIFICATION: Consumer Commodity, ORM-D  
Product Information Phone Number: (323) 223-4121  
FOR EMERGENCY, 24 Hour CALL CHEMTREC: 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>
Ethanol	64-17-5	1000 ppm	1000 ppm
Propane/Isobutane/n-Butane	74-98-6	1000ppm	1000ppm
Methyl Isobutyl Ketone	108-10-1	50ppm	50ppm
Methanol	67-56-1	200 ppm	200 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>
Methanol	67-56-1	< 4.0%
Methyl Isobutyl Ketone	108-10-1	1-10%

**III. PHYSICAL PROPERTIES**

Vapor density (air = 1): >1  
Solubility in water: Soluble  
Evaporation rate (Bu Ac = 1): >1.0  
Appearance and odor: clear/ alcohol odor.  
Specific Gravity: 0.7  
Vapor Pressure(psig): 80 at 70°F  
Boiling Range °F: n/a  
Volatile Organic Content (VOC,EPA Method 24): 727 gm/l or 6.07 lb/gal

**IV. FIRE AND EXPLOSION**

<u>HAZARD RANKING</u>			
HMIS	Health Hazard=1	0=Least	4=Extreme
HAZARD	Flammability=4	1=Slight	
CLASS	Reactivity= 0	2=Moderate	
	Other= Organic Vapor Respirator, Goggles and Gloves	3 = High	

Flash Point °F: Not Determined, but it is considered to be extremely flammable due to its content.

Flammability Class OSHA: Combustible Class IIIA

Flammable limits in air, volume%: lower 1.8 upper 9.2

Fire extinguishing materials: No water spray Yes carbon dioxide Yes foam  
Yes dry chemical Yes other

Special firefighting procedures: Keep containers cool to protect against bursting or rupturing containers. Use equipment or shielding, as required, to protect personnel from bursting, rupturing or venting containers.

Unusual fire and explosion hazards: Containers may vent or burst at temperatures above 120° F.

**V. HEALTH HAZARD INFORMATION**

**SYMPTOMS OF OVEREXPOSURE FOR EACH POTENTIAL ROUTE OF EXPOSURE -**

Inhaled: Dizziness, possible irritation of nose and throat.

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

**HEALTH EFFECTS OR RISKS FROM EXPOSURE -**

Acute: Irritation of eyes, skin and mucous membranes.

Chronic: Prolonged or repeated exposure to vapors or mists may cause visual disturbances. (including Blindness), signs of nervous system depression.

**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 counteragents or induce vomiting.

COMMENTS: 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.

Methanol may cause visual disturbances, blindness or death if swallowed.

**VI. REACTIVITY DATA**

Stability: Stable under ordinary conditions of use and storage.

Incompatibility (materials to avoid): Heat, open flame and oxidizing agents.

Hazardous decomposition products (including combustion products): Carbon dioxide, carbon monoxide and additional toxic chemicals may be formed in small amounts.

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 with water to control spill volume. Avoid run-off into sewers and ditches.

Preparing wastes for disposal: Do not puncture or incinerate containers. When contents are depleted continue to depress button until all gas is expelled. Dispose of container in accordance with local, state, and federal regulations.

**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 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 or other solvent-resistant gloves.

**OTHER HANDLING AND STORAGE REQUIREMENTS:**

Keep containers tightly closed. Keep containers cool, dry and away from sources of ignition. Do not puncture or incinerate containers. Do not puncture or incinerate containers. Do not expose to direct sunlight or store at temperatures above 130F (54C). "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. All other containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

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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