

MATERIAL SAFETY DATA SHEET

I. PRODUCT INFORMATION

Trade Name: Silicone Spray 96

Chemical names, common names: Complex hydrocarbon aerosol mixture

Manufacturer's Name: HURST CHEMICAL COMPANY.
Address: 2500 San Fernando Road, Los Angeles, CA 90065
DOT CLASSIFICATION: Consumer Commodity, ORM-D

IMDG CODE: Aerosols, UN 1950, Class 2

IATA: Aerosols, flammable, n.o.s (propane, hexane), UN 1950, Class 2.1

Product Information Phone Number: (323) 223-4121

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

II. HAZARDOUS INGREDIENTS

Exposure Limits in Air

Chemical Names CAS Number ACGIH (TWA) OSHA (PEL) Hexane 110-54-3 50ppm 50ppm **Propane** 74-98-6 1000ppm 1000ppm silicone 63148-62-9 NA NA

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>

Hexane 110-54-3 50-60%

III. PHYSICAL PROPERTIES

<u>Vapor density (air = 1):</u> 4.0 <u>Specific Gravity:</u> 0.6

Solubility in water: Nill Vapor Pressure(psig): 54 @70°F

Evaporation rate (Bu Ac = 1): >1.0 Boiling point °F: n/a

Appearance and odor: Faint Petroleum Hydrocarbon odor.

Volatile Organic Content (VOC, EPA Method 24): 602 gm/liter: 5.0 lb/gallon

IV. FIRE AND EXPLOSION

HAZARD RANKING

HMIS Health Hazard=2 0=Least 4=Extreme

HAZARD Flammability=4 1=Slight
CLASS Reactivity= 0 2=Moderate
Other= Organic Vapor Respirator, 3 = High

Goggles and Gloves

Aerosol Flammability: Extremely flammable as described in 16 CFR 1500.46

Flammable limits in air, volume%: lower 1.8 upper 9.5

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

Yes dry chemical <u>n/a</u> other

<u>Special firefighting procedures:</u> Keep containers cool to protect against bursting. Aerosol cans may rupture when heated. <u>Unusual fire and explosion hazards:</u> Containers may vent or burst at temperatures above 120° 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 on prolonged contact; mild central nervous system depression.

Chronic: Central 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 counter agents or induce vomiting.

COMMENTS: This product has not been identified as a carcinogen or probable carcinogen by NTP, IARC or OSHA. If heated in the presence of air above 150C (300F) product may form formaldehyde vapors. 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.

Aspiration Hazard - This material can enter lungs during swallowing or vomiting & cause lung inflammation and damage.

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. Contain spills for salvage or disposal. Minimize dilution 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. Consult federal, state, and local regulations controlling proper disposal of hydrocarbon liquid based material.

VIII. SPECIAL HANDLING INFORMATION

Ventilation and engineering controls: If current ventilation practices are not adequate to maintain airborne concentrations below established exposure limits, additional ventilation or exhaust systems may be required, where explosive mixtures may be present, electrical systems safe for such locations must be used.

Respiratory Protection: In working atmosphere where TLV or (PEL) levels are exceeded, use NIOSH-approved supplied air respirators.

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

OTHER HANDLING AND STORAGE REQUIREMENTS:

Store in original containers in a cool location, safe from physical damage, with containers tightly closed. Do not puncture or incinerate containers.

Ingredients of this product are listed on the EPA/TSCA Inventory of chemical Substances.

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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