

MATERIAL SAFETY DATA SHEET**S P R I T S****P.O. Box 905****East Lyme, CT 06333****Tel: 800.394.6644 Fax: 800.394.6647****Date: 01/06****Rev: 08/13****FOR CHEMICAL EMERGENCY****CALL INFOTRAC 1-800-535-5053****Product Name: SPRITS – MOLD PROTECTANT****Description: Anti-Rust Coating****Form: Aerosol Cans, Net Weight: 12 oz.****Hazardous Ingredients**

<u>CHEMICAL NAME</u>	<u>CAS#</u>	<u>OSHA PEL</u>	<u>% (Range)</u>
Trichloroethylene	79-01-6	100 ppm	70 – 80 %
Propane	74-98-6	1000 ppm	5 – 15%
Proprietary Rust Preventive	mixture	N/A	10 – 20 %

Physical/Chemical Characteristics

Appearance & Odor	Tan Liquid – pungent odor, slight ethereal odor
Boiling Point	Range: 160°– 175° F
Vapor Pressure (psig)	48 psig @ 70°F
Specific Gravity (H ₂ O = 1)	1.09
Solubility in Water	Nil
Percent Volatile by Weight	90
Vapor Density (AIR =1)	> 1

Health Hazard Data**Effects of Overexposure**

Ingestion:	Unlikely route of entry since product is an aerosol.
Inhalation:	Giddiness, nausea and possible narcosis. High levels of exposure (1000-2000 ppm) may cause unconsciousness and may be immediate hazard to life.
Skin Contact:	Temporary irritation, defatting of skin
Eye Contact:	May cause pain and temporary irritation.

Emergency First Aid Procedures

Eyes:	Flush with plenty of cool water. If irritation persists, seek medical attention.
Skin:	Wash off in flowing water or shower. Remove and launder affected clothing prior to reuse.
Inhalation:	Remove to fresh air. If not breathing, give artificial respiration. Get medical attention.

Fire Fighting Measures

Flammable Limits in Air:	LEL: 1.0%	UEL: 9.5%
Flash Point:	No Flash	
Hazardous Combustion Products:	Chlorinated hydrocarbon form HCl and traces of phosgene upon pyrolysis	
Extinguishing Media:	Water, Foam, CO ₂	
Other Flammability Information:	Container may vent and/or rupture due to fire. Vapors are heavier than air and may travel a long distance and accumulate in low-lying areas.	
Fire Fighting Instructions:	Keep people away. Isolate fire area and deny unnecessary entry. Stay upwind. Keep out of low areas where gases (fumes) can accumulate. Contain firewater run-off if possible.	

Reactivity Data

Stability:	Stable
Incompatibility (materials to avoid):	None known
Hazardous Combustion By-Products:	(See information in Fire Fighting Measures section listed on page 1)
Hazardous Polymerization:	Will not occur
Conditions to Avoid:	Avoid direct sunlight. Avoid open flames, welding arcs, or other high temperature sources, which induce thermal decomposition

Precautions for Safe Handling and Use

Steps to be taken in case material is spilled or released:

Avoid breathing vapors. Evacuate area until vapor has dispersed. Remove all sources of ignition. Stop or reduce discharge if it can be done safely.

Handling: Minimize breathing of vapors and avoid prolonged or repeated contact with skin. Wear proper protective equipment. If ventilation is not sufficient, wear proper respiratory equipment. Do not use near ignition sources. Contents are under pressure. Do not puncture, incinerate, expose to open flame or temperature above 120°F. Do not spray directly into flame or onto hot glowing surfaces. Do not spray on floors. Do not eat or smoke while using. Read label precautions. Do not remove or deface label.

Storage: Store indoors in a cool, dry, well ventilated area away from all sources of ignition. Do not store at temperature above 120°F. Keep out of direct sunlight. For industrial use only. Keep out of reach of children. Keep container tightly closed.

Disposal: Empty fully, including release of pressure. Do not puncture or incinerate. Dispose according to Local, State and Federal regulations.

Ventilation: Local and mechanical exhaust -- use sufficient ventilation to keep employee exposure below recommended limits.

Skin protection: The use of chemically resistant gloves is recommended if there is any possibility of prolonged or repeated liquid contact with the skin.

Eye protection: Proper eye protection should be worn in any type of industrial operation, such as splash-proof face shield or goggles.

Respiratory: NIOSH or other approved respirator is required in the absence of proper environmental control

Other Information: HMIS Classification: 2,2,0,B
DOT Hazard Classification: ORM-D
DOT Shipping Name: Consumer Commodity

Carcinogenic Hazard: Prolonged exposure above the OSHA PEL may result in liver and kidney damage. Trichloroethylene has been studied for chronic effects in animals and while there are studies in which tumors were induced in mice, there is no documented evidence that exposure to trichloroethylene produces cancer in humans. This statement provided in accordance with California Proposition 65: "This product contains a chemical know to the state of California to cause cancer."

Manufacturer's Statement: This information contained herein is believed to be correct as of issue_date. Manufacturer shall not be liable for damages arising out of, or in connection with the information obtained herein. It is intended to assist in the normal, safe usage of product. No warranty of any kind is expressed or implied as to the accuracy, completeness or adequacy of the information obtained herein.