

# MATERIAL SAFETY DATA SHEET

State Chemical Division – State Industrial Products  
3100 Hamilton Avenue, Cleveland, OH 44114 (216) 861-7114

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: **SS-205 AEROSOL** 24 Hour CHEMTREC Number: 800-424-9300  
Product Description: An aerosol rust preventative metal coat. MSDS Number: M01390

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Hazardous Ingredients</u>	<u>CAS Number</u>	<u>Weight</u>	<u>ACGIH</u>	<u>OSHA</u>
Heptane	142-82-5	< 25%	400 ppm	400 ppm
Propane/N-Butane	68476-86-8	< 30%	600 ppm	1000 ppm
Mineral Spirits	8052-41-3	< 50%	100 ppm	100 ppm

## 3. HAZARDS IDENTIFICATION

### \*\*\*EMERGENCY OVERVIEW\*\*\*

Contents under pressure. Do not puncture, incinerate or expose to temperature above 120°F(49°C). May cause eye, skin and respiratory irritation.

### POTENTIAL HEALTH EFFECTS

Routes of Exposure: Exposure may be by inhalation and/or skin or eye contact, depending on conditions of use. To minimize exposure, follow recommendations for proper use, ventilation and personal protective equipment.

Eye Contact: May cause eye irritation.

Skin Contact: May cause skin irritation.

Ingestion: Aspiration hazard. May be harmful if swallowed. May cause gastro-intestinal irritation, nausea, vomiting, diarrhea.

Inhalation: May irritate respiratory tract. Prolonged overexposure to vapors may cause nausea and light headedness.

General: May aggravate existing lung and skin conditions. Excessive overexposure may aggravate existing respiratory, cardiovascular or pulmonary illness. Chronic overexposure to solvents can cause liver and kidney disease and permanent brain and nervous system damage. Hexane may damage peripheral nerve tissue (that of the arms and legs) and result in muscular weakness and loss of sensation in extremities.

## 4. FIRST AID MEASURES

Eye Contact: Promptly flush with a large amount of water for at least 15 minutes. Do not wear contact lenses when working with this product. If irritation persists, consult a physician.

Skin Contact: Promptly wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before reuse. If irritation persists, consult a physician.

Inhalation: Remove to fresh air. If irritation persists, consult a physician. If breathing is difficult, or if it is necessary to restore breathing, get medical attention as soon as possible.

Ingestion: Do not induce vomiting. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

## 5. FIRE FIGHTING MEASURES

Flashpoint(Method): 150°F (TCC).

Lower Explosive Limit(LEL): 1.1 Upper Explosive Limit(UEL): 7.5 Autoignition Temperature: NA

Fire and Explosion Hazards: Heated cans may burst. Isolate from heat, electrical equipment, sparks and open flame. May develop a flammable atmosphere in confined areas.

Extinguishing Media: Water fog, Carbon Dioxide, dry chemical, foam.

Fire Fighting Instructions: Full protective equipment including self-contained breathing apparatus should be used. Cool fire exposed containers. Use equipment or shielding required to protect against bursting or venting containers.

## 6. ACCIDENTAL RELEASE MEASURES

Remove all sources of ignition. Ventilate area. Absorb with an inert absorbent and transfer to a proper container. Dispose of according to all Federal, State and Local Regulations regarding waste disposal.

## 7. HANDLING AND STORAGE

Keep away from heat, flames, sparks or other sources of ignition. Keep area ventilated. Vapor may collect in low lying areas. Do not smoke. Contents under pressure. Do not puncture, incinerate or expose to temperature above 120°F(49°C). Do not store in direct sunlight. Do not take internally. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. Keep out of reach of children. Avoid breathing vapor and spray mist. Avoid contact with skin and eyes. Wash hands after using. When spraying more than one half can continuously or more than one can consecutively, use NIOSH-approved respirator.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Local exhaust preferable. General exhaust acceptable if the exposure to materials is maintained below applicable exposure limits.

Personal Protective Equipment:

Respiratory: If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted NIOSH-approved respirator.

Eye: Wear approved safety glasses with unperforated sideshields.

Skin: Wear chemically resistant gloves. Wear long sleeves and long pants.

Other: An emergency eyewash station or source of clean potable water should be available in case of accidental eye contact.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Brown.	Odor:	Petroleum solvent odor.
Physical State:	Liquid aerosol.	pH:	NA
Product Weight:	7.51 lbs/gal	Specific Gravity (Water = 1):	0.90
Vapor Density (air=1):	> 1	Vapor Pressure:	124 mm Hg
Boiling Point:	156°F	Solubility in Water:	0%
Evaporation Rate (Butyl Acetate=1):	5	Melting Point:	NA

## 10. STABILITY AND REACTIVITY

Stability: Stable.  
Hazardous Polymerization: Will not occur.  
Conditions to Avoid: Heat, sparks, flames or other sources of ignition. Do not store in direct sunlight or temperatures above 120°F.  
Incompatibility: Some plastics.  
Hazardous Decomposition Products: Carbon Dioxide, Carbon Monoxide.

## 11. TOXICOLOGICAL INFORMATION

IARC / NTP / OSHA: This product contains no ingredient at 0.1% or greater that is listed as a human carcinogen.

<u>Hazardous Ingredients</u>	<u>CAS Number</u>	<u>LD50</u>	<u>LC50</u>
Heptane	142-82-5	NE	4 mg/l/24 hr (goldfish)
Propane/N-Butane	68476-86-8	NE	NE
Mineral Spirits	8052-41-3	NE	NE

## 12. ECOLOGICAL INFORMATION

NA

## 13. DISPOSAL CONSIDERATIONS

Do not puncture or incinerate container. Depressurize container. Dispose of in accordance with Federal, State and Local Regulations regarding pollution and waste disposal.

## 14. TRANSPORT INFORMATION

DOT Shipping Data:	Consumer Commodity, ORM-D
Canadian TDG:	Not available for sale in Canada.
For International Shipments by Air:	Aerosols, Flammable, 2.1, UN1950.
For International Shipments by Vessel:	Aerosols, Flammable, 2.1, UN1950, Limited Quantity.

## 15. REGULATORY INFORMATION

TSCA: All ingredients in this product are listed or exempt from listing on the TSCA Chemical Inventory.  
CEPA: All ingredients in this product are listed or exempt from listing on the Canadian DSL/NDSL.  
SARA 313: This product contains no toxic chemicals that are subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372.65C):

HMIS Classification: Health = 2      Flammability = 3      Reactivity = 1      Personal Protection = B  
WHMIS RATING: Not available for sale in Canada.

## 16. OTHER INFORMATION

NA = Not Available or Not Applicable

**Read and follow all label directions and precautions before using the product. These products are intended for industrial and institutional use only. NOT FOR HOUSEHOLD USE OR RESALE. KEEP OUT OF THE REACH OF CHILDREN.** While we believe that the data contained herein is factual and the opinions expressed are those of qualified experts, the data are not to be taken as a warranty or representation for which the company assumes legal responsibility. They are offered solely for your consideration, investigation, and verification. Any use of these data and information must be determined by the user to be in accordance with applicable Federal, State, and Local Laws and regulations.

HEALTH AND SAFETY INFORMATION: (216) 861-7114

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