

the  
Scharpf Group, Inc.



marketers and consultants for  
rust inhibiting and corrosion prevention

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## MATERIAL SAFETY DATA SHEET

PRODUCT TRADE NAME: Scharpf Group, Inc. SG-510A, B, G -SureShot

CAS NO.: Mixture

Original Date: 02/15/98

Revision Date: 05/23/2000

TRANSPORTATION EMERGENCY PH # 1-800-424-9300

NFPA CODE: Toxicity: 1 Fire: 2 Reactivity: 0

Hazard Ratings: 4-Extreme 3-High 2-Moderate 1-Slight 0-Insignificant

### SECTION 1 CHEMICAL AND PHYSICAL PROPERTIES

FORMULA: Proprietary

CHEMICAL NAME: Modified, metal alkyl aryl sulfonate

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and carbon dioxide from burning. Oxides of sulfur.

INCOMPATIBILITY (Keep away from): Strong oxidizers such as hydrogen peroxide, bromine and chromic acid.

TOXIC AND HAZARDOUS INGREDIENTS:

Hydrotreated light petroleum distillate, CAS# 64742-88-7 and /or Stoddard Solvent, CAS# 8052-41-3; (hereafter referred to as mineral spirits)

FORM: Thixotropic liquid ODOR: Slight, kerosene-like

APPEARANCE: Opaque COLOR: Tan, Black, Gray

SPECIFIC GRAVITY (WATER=1): 1.0

BOILING POINT: Based on mineral spirits greater than 149°C 300°F

MELTING POINT: Not applicable

SOLUBILITY IN WATER (weight %): Negligible at all temperatures

VOLATILE (weight %): 50

EVAPORATION RATE: (n-butyl acetate=1): less than 1

VAPOR PRESSURE: (mm Hg at 20°C); Greater than 2

VAPOR DENSITY (air=1): Greater than 4

STABILITY: Product is stable under normal conditions

VISCOSITY SUS at 100°F: Greater than or = to 100

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## SECTION 2 FIRE AND EXPLOSION DATA

SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus is recommended for firefighters. Water spray may be used with caution to prevent spread of flames.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

FLASH POINT: 41°C (105°F) (Pensky-Martens closed cup)

FLAMMABLE LIMITS %: Lower: .7 Upper: 6

EXTINGUISHING AGENTS: CO<sub>2</sub>, Dry chemical, Foam. Closed containers exposed to fire may be cooled with water spray.

## SECTION 3 HEALTH HAZARD DATA:

PERMISSIBLE CONCENTRATIONS (air): Mineral Spirits: TWA: 400 ppm, 1600 mg/m<sup>3</sup>, (OSHA, as petroleum distillates-naphtha); TWA:100 ppm, 525 mg/m<sup>3</sup>, TWA (ACGIH as stoddard solvent). If used in applications where mist is generated, observe a TWA/PEL of 5 mg/m<sup>3</sup> for mineral oil mist (OSHA and ACGIH).

CHRONIC EFFECTS OF OVEREXPOSURE: May cause eye, nose and throat irritation and dizziness if used in unventilated area.

ACUTE TOXICOLOGICAL PROPERTIES: For stoddard solvent: Inhalation - irritation of eyes, nose and throat, dizziness. Skin contact - dermatitis. Eye contact - irritation. Ingestion - nausea, vomiting. Large amounts, if retained, lead to symptoms of central nervous system depression. Petroleum distillates are similar, but may also cause headache and drowsiness with excessive inhalation or ingestion.

### EMERGENCY FIRST AID PROCEDURES:

EYES: Flush with large amounts of water for at least 15 minutes, and contact a physician.

SKIN CONTACT: Remove contaminated clothing. Wash skin with soap and water, If irritation develops contact a physician.

INHALATION: Remove victim to fresh air. If breathing is difficult, give oxygen and call a physician immediately.

IF SWALLOWED: DO NOT INDUCE VOMITING contact a physician immediately.

### ADVICE TO PHYSICIANS;

ROUTES OF ENTRY: Inhalation, ingestion, eye/skin contact.

TARGET ORGANS: Skin, eyes, respiratory system, central nervous system.

## SECTION 4 SPECIAL PROTECTION INFORMATION

VENTILATION TYPE REQUIRED: (local, mechanical, special)

Use ventilation as required to control vapor concentrations.

RESPIRATORY PROTECTION: Use NIOSH/MSHA approved respirator with dual organic vapor/mist and particulate cartridge if vapor concentration exceeds permissible exposure limit.

PROTECTIVE GLOVES: Rubber or plastic, solvent resistant.

EYE PROTECTION: Chemical safety goggles and full face shield.

OTHER PROTECTIVE EQUIPMENT: None

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## **SHEET SECTION 5 HANDLING OF SPILLS OR LEAKS**

PROCEDURES FOR CLEAN UP: Shut off leak and dike up large spills. Avoid all ignition sources such as flames and sparks. Insure good ventilation. Transfer into containers for disposal or recycle. Seal containers tightly. Absorb remaining spill or leak with sand, earth or vermiculite. Sweep up and dispose of according to Federal, State and Local Regulations.

WASTE DISPOSAL: Dispose of in accordance with all applicable Federal, State and Local regulations.

## **SECTION 6 SPECIAL PRECAUTIONS**

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

COMBUSTIBLE - Keep away from heat, flames and all sources of ignition.

Wear protective clothing and equipment while handling. Keep containers sealed until ready for use. Avoid excessive storage temperatures. Do not store near strong oxidizing agents. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Wash clothing before reuse.

MAXIMUM STORAGE TEMPERATURE: 52°C (125°F)

## **SECTION 7 TRANSPORTATION DATA**

D.O.T.: Not regulated

REPORTABLE QUANTITY: None

FREIGHT CLASSIFICATION: Petroleum Oil, NOIBN

SPECIAL TRANSPORTATION NOTES:

DOMESTIC: When shipped in containers over 118.9 gallons:

COMBUSTIBLE LIQUID, nos, (mineral spirits), NA 1993, PGIII, ERG 27  
as Petroleum Oil, NOIBN.

EXPORT: Drum or Bulk: Petroleum distillates, nos 3.3 (Flammable liquid), UN 1268,  
PGIII, IMDG page 3375, Flash point 40°C (105°F).

## **SECTION 8 COMMENTS**

Mineral spirits is classified as a hazardous ingredient because it contributes to a flash point of less than 200°F, thus, much of the data in section 1, 2, 3, and 4, apply either entirely or partly to that ingredient.

This product does not contain any chemical subject to the reporting requirements of SARA Section 313 of Title 3 of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

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## **LABEL INFORMATION**

**CAUTION:** Combustible liquid. Keep away from heat and flame. Contains hydrotreated light petroleum distillate CAS # 64742-47-8 (mineral spirits). May cause eye, nose and throat irritation if used in unventilated areas.

**PRECAUTIONS:** Do not expose or store at elevated temperatures. Protect against eye contact. Avoid prolonged or repeated breathing of vapor. When handling or disposing of product, wear suitable protective equipment: Use solvent resistant rubber or plastic gloves. Wear chemical splash goggle or full face shield. In case of insufficient ventilation, wear NIOSH approved full face respirator with an organic vapor cartridge.

## **EMERGENCY FIRST AID PROCEDURES**

**EYE CONTACT:** Immediately flush with large amounts of water for 15 minutes.

Call a physician.

**SKIN CONTACT:** Wash thoroughly with soap and water.

**IF SWALLOWED:** DO NOT INDUCE VOMITING. Call a physician. Never give anything by mouth to an unconscious victim.

**IF INHALED:** Remove victim to fresh air, call a physician.

## **SPILLS OR LEAKS**

Shut off leak, dike up spills. Absorb with an inert material such as sand or vermiculite, dispose of in compliance with Federal, State and Local regulations.

**ATTENTION:** Do not use pressure to empty this container. When empty, container may have vapor or product residue. Do not cut, puncture or weld on or near the drum.

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