

Safety Data Sheet

Revision Date 06-02-2015
Revision Number 3

The Scharpf Group, Inc.

SECTION 1 Identification of the substance/mixture and of the company/undertaking

Product identification used on label

Product identifier SG-500B

Details of the supplier of the safety data sheet

The Scharpf Group, Inc
3791 Pickett Rd.
Oshkosh, WI 54904
920-233-7146
Chemtrec: (800) 424-9300
Corrosion Preventive Compound

Emergency telephone number Relevant identified uses of the substance or mixture and uses advised against

SECTION 2 Hazards identification

Classification of the chemical in accordance with paragraph (d) of §1910.1200;

GHS Hazard Symbols



GHS Classification

Skin Corrosion/Irritation Category 2
Serious Eye Damage/Eye Irritation Category 2B
Flammable Liquid Category 3
Specific Target Organ Systemic Toxicity (STOT) – Single Exposure Category 3

Signal Word Hazard Statements

Warning
Flammable liquid and vapor.
Causes skin and eye irritation.
May cause respiratory irritation.
May cause drowsiness or dizziness.

Precautionary Statements Prevention

Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
Ground/bond container and receiving equipment.
Use explosion-proof equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Avoid breathing dust/fume/gas/mist/vapors/spray.
Wash thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Wear protective gloves/protective clothing/eye protection/face protection.
IF ON SKIN: Wash with plenty of soap and water.
IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing.
Rinse skin with water/shower.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Response

Safety Data Sheet

Revision Date 06-02-2015
Revision Number 3

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Call a POISON CENTER or doctor/physician if you feel unwell.
Specific treatment: None known.
If skin irritation occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.
Take off contaminated clothing and wash before reuse.
Use dry chemical, water fog, CO₂, foam or sand/earth for extinction.

Storage Keep container tightly closed.
Store in a well-ventilated place. Keep cool.
Store locked up.

Disposal Dispose of contents/container in accordance with local/regional/national/international regulation for hazardous wastes.

SECTION 3 Composition/information on ingredients

Chemical Name	CAS #	%
Mineral Spirits	64742-47-8	44

Note: Specific chemical identities and/or exact percentages have been withheld as a trade secret.

SECTION 4 First aid measures

Inhalation Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen. If not breathing, give artificial respiration and have a trained individual administer oxygen. Get medical attention immediately.

Eyes Flush eyes with plenty of water for at least 20 minutes retracting eyelids often. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention.

Skin Contact Wash with soap and water. Get medical attention if irritation develops or persists.

Ingestion Do not induce vomiting and seek medical attention immediately. Provide medical care provider with this SDS. If vomiting occurs, lean victim forward to reduce risk of aspiration into lungs.

Note to Doctor Treat symptomatically.

SECTION 5 Firefighting measures

Extinguishing media Use alcohol resistant foam, carbon dioxide, dry chemical or water spray when fighting fires. Water or foam may cause frothing if liquid is burning but it still may be a useful extinguishing agent if carefully applied to the fire. Do not direct a water stream directly into the hot burning liquid.

Fire and/or Explosion Hazards Vapors may be ignited by sparks, flames or other sources of ignition if material is above the flash point giving rise to a fire (Class B). Vapors are heavier than air and may travel to a source of ignition and flash back. Empty containers that retain product residue (liquid, solid/sludge, or vapor) can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose container to heat, flame, sparks, static electricity, or other sources of ignition. Any of these actions can potentially cause an explosion that may lead to injury or death.

Safety Data Sheet

Revision Date 06-02-2015

Revision Number 3

Fire Fighting Methods and Protection	Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Fight fire from a safe distance and a protected location due to the potential of hazardous vapors and decomposition products. Use appropriate methods for the surrounding fire.
Hazardous Combustion Products	Carbon dioxide, Carbon monoxide, Sulfur oxides

SECTION 6 Accidental release measures

Personal precautions, protective equipment and emergency procedures	Exposure to the spilled material may be irritating or harmful. Follow personal protective equipment recommendations found in Section VIII of this SDS. Additional precautions may be necessary based on special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred. Also consider the expertise of employees in the area responding to the spill. Evaporation of volatile substances can lead to the displacement of air creating an environment that can cause asphyxiation.
Methods and materials for containment and cleaning up	Absorb or cover with dry earth, sand or other non-combustible material and transfer to appropriate waste containers. Use clean, non-sparking tools to collect absorbed material. Collect and discard in accordance with local, state and national regulations.

SECTION 7 Handling and storage

Precautions for safe handling	Avoid contacting and avoid breathing the material. Use only in a well ventilated area. As with all chemicals, good industrial hygiene practices should be followed when handling this material. Wash thoroughly after handling. Do not get in eyes, on skin and clothing. Ground and bond containers when transferring material. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous.
Conditions for safe storage, including any incompatibilities	Store in a cool dry ventilated location. Isolate from incompatible materials and conditions. Keep container closed when not in use. Keep away from heat, sparks, and flame.
Incompatible materials	Strong oxidizing agents

SECTION 8 Exposure controls/personal protection

Control parameters

<u>Chemical Name</u>	<u>ACGIH TLV</u>	<u>ACGIH STEL</u>	<u>OSHA PEL</u>
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Mineral Spirits	212 ppm (8 hrs)		
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Engineering Measures	Local exhaust ventilation or other engineering controls are normally required when handling or using this product to avoid overexposure. Engineering controls must be designed to meet the OSHA chemical specific standard in 29 CFR 1910. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.
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Respiratory Protection	Respiratory protection may be required to avoid overexposure when handling this
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SG-500B

Page 3 of 6

Safety Data Sheet

Revision Date 06-02-2015
Revision Number 3

product. General or local exhaust ventilation is the preferred means of protection. Use a respirator if general room ventilation is not available or sufficient to eliminate symptoms. Follow a respiratory protection program that meets 29 CFR 1910.134 and ANSI Z88.2 requirements whenever work place conditions warrant the use of a respirator.

Eye Protection Wear chemically resistant safety glasses with side shields when handling this product. Do not wear contact lenses.

Skin Protection Not normally considered a skin hazard. Where use of product can result in skin contact, practice good personal hygiene and wear a barrier cream and/or impervious surgical style gloves. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.

Gloves Chemically resistant gloves

SECTION 9 Physical and chemical properties (Typical, not specification)

Physical State	Viscous Liquid
Color	Black
Odor	Mild Kerosene like
Odor Threshold	No data available
pH	No data available
Melting Point, °C	No data available
Boiling Point, °C	No data available
Flash Point	>= 100 °F(38 °C)
Evaporation Rate	No data available
Flammability (Solid, Gas)	No data available
Lower Flammable/Explosive Limit, % in air	No data available
Upper Flammable/Explosive Limit, % in air	No data available
Vapor Pressure	> 2 mmHg
Vapor Density	>1 (Air=1)
Specific Gravity	.72
Solubility in Water	Negligible; 0-1%
Octanol/Water Partition Coefficient	No data available
Autoignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity	4000 - 9000 cP
Volatiles, % by weight	44
VOC, Method EPA 24, lb/gal	2.6
VOC, Method EPA 24, grams/liter	311

SECTION 10 Stability and reactivity

Chemical stability	Stable under normal conditions. Hazardous polymerization will not occur.
Possibility of hazardous reactions	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	Contamination. Elevated temperatures.
Incompatible materials	Strong oxidizing agents.

Safety Data Sheet

Revision Date 06-02-2015
Revision Number 3

Hazardous decomposition products

Decomposition and hazardous decomposition products are unlikely.

SECTION 11 Toxicological information

Likely Routes of Entry

Inhalation, Skin contact, Eye contact

Target Organs Potentially Affected by Exposure

Central Nervous System

Chemical Interactions That Change Toxicity

No chemical interaction known to affect toxicity.

Medical Conditions Aggravated

Skin contact may aggravate existing skin disease, Respiratory disease including asthma and bronchitis

Immediate (Acute) Health Effects by Route of Exposure

Inhalation Irritation

Can cause moderate respiratory irritation, dizziness, weakness, fatigue, nausea and headache. Other possible symptoms include; wheezing and coughing due to pulmonary edema (fluid build-up in lungs). Harmful! Can cause severe irritation or burns and lung inflammation. Central nervous system effects such as dizziness, weakness, fatigue, nausea, headache, and unconsciousness are possible.

Skin Contact

Can cause minor skin irritation, defatting, and dermatitis.

Eye Contact

Can cause moderate irritation, tearing and reddening, but not likely to permanently injure eye tissue.

Ingestion Irritation

Irritating to mouth, throat, and stomach. Can cause abdominal discomfort, nausea, vomiting and diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis which can be fatal.

Ingestion Toxicity

Harmful if swallowed.

Long-Term (Chronic) Health Effects

Carcinogenicity

Not listed by ACGIH, IARC, NIOSH, NTP OR OSHA.

Reproductive and Developmental Toxicity

No data available to indicate product or any components present at greater than 0.1% may cause birth defects.

Mutagenicity

No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.

Inhalation

Upon prolonged and/or repeated exposure, can cause moderate respiratory irritation, dizziness, weakness, fatigue, nausea and headache.

Skin Contact

Upon prolonged or repeated contact, can cause minor skin irritation, defatting, and dermatitis.

Component Toxicology Data

Chemical Name

CAS Number

LD50/LC50

Mineral Spirits

64742-47-8

Dermal LD50 Rabbit > 5000 mg/kg
Oral LD50 Rat > 5000 mg/kg
Inhalation LC50 (4h) Rat > 20 mg/L

SECTION 12 Ecological information

Overview

No ecological information available

Mobility

No data

Persistence

No data

Bioaccumulation

No data

Degradability

No data

Safety Data Sheet

Revision Date 06-02-2015
Revision Number 3

Ecotoxicity Data

Chemical Name	CAS Number	Aquatic EC50 Crustacea	Aquatic ERC50 Algae	Aquatic LC50 Fish
No data available				

SECTION 13 Disposal considerations

Waste Description for Spent Product	Spent or discarded material is a hazardous waste.
Disposal Methods	Dispose of by incineration following Federal, State, Local, or Provincial regulations.
Waste Disposal Code(s)	D001

SECTION 14 Transport information

Full Shipping Name for Export, Air, Sea (any quantity) or vessels of 119 gal. or more:	UN1268 , PETROLEUM DISTILLATES, N.O.S., (Mineral Spirits), 3, PG III
	Or if shipped in any size container at temperatures greater than the flash point:
	UN3256, Elevated Temperature Liquid, Flammable, N.O.S., (Mineral Spirits), 3, PG III
Domestic Ground in vessels < 119 gal.	Not Regulated

SECTION 15 Regulatory information

TSCA Status All components in this product are on the TSCA Inventory or exempt.

Chemical Name	CAS #	Regulation	Percent
No 313-listed chemicals in this product		SARA 313	

SECTION 16 Other information

Revision Date 06-02-2015

Disclaimer Although the information contained herein is believed to be reliable, it is furnished without warranty of any kind. This information is not intended to be all-inclusive as to the manner and conditions of use, handling, and storage.

Version Revision 3

Comments Approved: M. Scharpf