

Scharpf Group, Inc.

Safety Data Sheet

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

Product identification used on label

Product identifier Black Aerosols
SG-500B / 01-5910-0-068

Details of the supplier of the safety data sheet The Scharpf Group, Inc
3791 Pickett Rd.
Oshkosh, WI 54904
920-233-7146

Emergency telephone number ChemTel: 800-255-3924 (US and Canada)
ChemTel: 01800-099-0731 (Mexico)

Relevant identified uses of the substance or mixture and uses advised against Corrosion Preventive Compound

SECTION 2 Hazards identification

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

GHS Hazard Symbols



GHS Classification Flammable Aerosols, Category 1
Gases Under Pressure, Category Compressed Liquid
Aspiration Hazard, Category 1

Signal Word DANGER

Hazard Statements H222 Extremely flammable aerosol.
H280 Contains gas under pressure; may explode if heated.
H304 May be fatal if swallowed and enters airways.

Precautionary Statements: General and Prevention P102 Keep out of reach of children.
P210 Keep away from heat / sparks / open flames / other ignition sources. No smoking.
P211 Do not spray on an open flame or other ignition source.
P251 Pressurized container: Do not pierce or burn, even after use.

Response P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER / doctor.
P331 Do NOT induce vomiting.

Storage P410 + P403 Protect from sunlight. Store in a well-ventilated place.
P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50 degrees C / 122 degrees F.

Disposal P501 Dispose of contents / container in accordance with local / regional / national regulations.

Scharpf Group, Inc.

Safety Data Sheet

SECTION 3 Composition/information on ingredients

| Chemical Name | CAS # | % |
|-------------------|------------|-------|
| Petroleum Solvent | 64742-47-8 | 35-40 |
| Propane | 74-98-6 | 15-21 |
| N-Butane | 106-97-8 | 8-10 |

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

SECTION 4 First aid measures

| | |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Inhalation | If inhaled: Move person to fresh air and keep in comfortable position for breathing. If breathing difficulty persists: Get medical advice / attention. |
| Eyes | If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice / attention. |
| Skin Contact | If on skin: Wash with plenty of soap and water. Remove contaminated clothing and wash before reuse. If skin irritation persists: Get medical advice / attention. |
| Ingestion | If swallowed: Immediately call a poison center / doctor. Do NOT induce vomiting unless directed to do so by medical personnel. |
| Most Important Symptoms and Effects, Both Acute and Delayed | See Section 11: Toxicological information and effects. |
| Indication of any immediate medical attention and special treatment required | Treat symptomatically |

SECTION 5 Fire-Fighting measures

| | |
|----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Suitable Extinguishing Media | CO2 (Carbon Dioxide), dry chemical or water fog. |
| Unsuitable Extinguishing Media | Water spray may be unsuitable. However if water is used fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and explosion when exposed to extreme heat. |
| Specific Hazards Arising From the Chemical | Closed containers exposed to heat from fire may build pressure and explode. Products of combustion may include but are not limited to: oxides of carbon. |
| Special Protective Equipment and Precautions of Fire-Fighters | Full protective equipment including self-contained breathing apparatus should be used. |

Scharpf Group, Inc.

Safety Data Sheet

SECTION 6 Accidental release measures

| | |
|----------------------------------|-------------------------------------------------------------------------------------|
| Personal Precautions | Use personal protection recommended in Section 8. |
| Environmental Precautions | Prevent contamination of soil / ground, waterways, drains, and sewers. |
| Methods of Containment | Absorb spilled liquid in suitable material. |
| Methods of Clean-up | Use spark-proof tools to sweep or scrape up, containerize, and dispose of properly. |
| Other Information | Ensure adequate ventilation. |

SECTION 7 Handling and storage

| | |
|---------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Precautions for safe handling | Vapors may ignite explosively. Prevent buildup of vapors. Keep from sparks, heat, flame or other heat sources. Do not smoke. Turn off pilot lights, heaters, electric motors and other sources of ignition during use and until all vapors are gone. Do not puncture or incinerate / burn container. Keep container tightly closed while not in use. |
| Conditions for Safe Storage, Including Any Incompatibilities | Store in dry, well-ventilated area and in accordance with federal, state and local regulations. Do not expose to heat or store at temperatures above 50 degrees C / 122 degrees F. If storing in cold temperatures, allow product to warm to room temperature before use. Keep container tightly closed and away from heat and sunlight when not in use. |

SECTION 8 Exposure controls/personal protection

Control parameters

| <u>Chemical Name</u> | <u>ACGIH TLV</u> | <u>ACGIH STEL</u> | <u>OSHA PEL</u> |
|----------------------|------------------|-------------------|-----------------|
| Petroleum Solvent | n/e | n/e | 400 ppm |
| Propane | 1800 ppm | 2500 ppm | 1000 ppm |
| N-Butane | n/e | 800 ppm | 800 ppm |

| | |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Appropriate Engineering Controls | Provide adequate ventilation to keep air contamination below OSHA permissible exposure limits and ACGIH TLV exposure levels. |
| Eye Protection | Wear safety glasses with side shields. Have eye wash facilities immediately available. |
| Skin Protection | Wear chemical resistant gloves if contact is likely. |
| Respiratory Protection | Use NIOSH-approved air-purifying respirator with organic cartridge or canister if exposure cannot be controlled with applicable limits with ventilation. |

Scharpf Group, Inc.

Safety Data Sheet

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

| | |
|----------------------------------------|----------------------------------------------------|
| Physical State | Aerosol – Pressurized Liquid |
| Color | Black |
| Odor | Solvent odor |
| Odor Threshold | No data available |
| pH | No data available |
| Freezing Point | Not established |
| Boiling Point, °C | Not Applicable (pressurized mixture) |
| Flash Point | Less than -18 degrees C (less than -0.4 degrees F) |
| Evaporation Rate | Faster than ether |
| Flammability (Solid, Gas) | No data available |
| Lower Flammable/Explosive Limit | Not established |
| Upper Flammable/Explosive Limit | Not established |
| Vapor Pressure | Not established |
| | |
| Specific Gravity | .798 |
| Solubility in Water | Negligible |
| VOC percentage by weight | 61 |

SECTION 10 Stability and reactivity

| | |
|-------------------------------------------|-----------------------------------------------|
| Chemical stability | Stable under normal conditions. |
| Possibility of hazardous reactions | Will not occur. |
| Conditions to avoid | Keep away from heat, sparks, and flames. |
| Incompatible materials | Strong oxidizing agents. |
| Hazardous decomposition products | By fire – Carbon Dioxide and Carbon Monoxide. |

SECTION 11 Toxicological information

| | |
|-------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Likely Routes of Entry | Inhalation, Skin contact, Eye contact, Ingestion |
| Signs and Symptoms of Exposure | Skin Contact: Signs / symptoms may include localized redness, itching, drying and cracking of skin. Inhalation: Intentional concentration and inhalation may be harmful or fatal. Eye Contact: Signs / symptoms may include significant redness, swelling, pain, tearing, cloudy appearance of the cornea, and impaired vision. Ingestion: Signs / symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea. |
| Target Organs Potentially Affected by Exposure | Central nervous system, kidneys, lungs, liver, eyes, skin, brain, respiratory tract, urinary tract, reproductive system, cardiovascular system |

Scharpf Group, Inc.

Safety Data Sheet

Component Toxicology Data

| Chemical Name | LD50 Oral | LD50 Dermal | LC50 Inhalation |
|-------------------|-----------|-------------|-----------------|
| Petroleum Solvent | n/e | n/e | n/e |
| Propane | 1000 | 1800 | n/e |
| N-Butane | n/e | n/e | n/e |

SECTION 12 Ecological information

No data available

SECTION 13 Disposal considerations

Dispose of container and its contents in accordance with federal, state and local regulations.

Do not puncture, incinerate or place container in trash compactor.

SECTION 14 Transport information

Ground (DOT / 49 CFR)

| | |
|-------------------------------|-------------------------------------------------------------------|
| UN I.D. Number | UN1950 – Transport Hazard Class: 2.1 Packing Group: n/a |
| Proper Shipping Name | AEROSOLS (“FLAMMABLE” is optional to add after AEROSOLS) |
| Hazard Labels | Limited Quantity (LTD QTY) label – see 49 CFR 172.315 |
| Shipping papers format | UN1950, AEROSOLS, 2.1, LTD QTY (can add FLAMMABLE after AEROSOLS) |

AIR (IATA)

| | |
|-------------------------------|----------------------------------------------------------------------|
| UN I.D. Number | UN 1950 – Transport Hazard Class: 2.1 Packing Group: n/a |
| Proper Shipping Name | AEROSOLS, FLAMMABLE Packing Instructions: Y203 |
| Hazard Labels | LTD QTY label with “Y” in it, and Flammable Gas label |
| Shipping papers format | UN1950, AEROSOLS, FLAMMABLE, 2.1 (Note LTD QTY not needed on Papers) |

Water (IMDG)

| | |
|-------------------------------|---------------------------------------------------------|
| UN I.D. Number | UN1950 – Transport Hazard Class: 2.1 Packing Group: n/a |
| Proper Shipping Name | AEROSOLS Hazard label: LTD QTY label (see IMDG 3.4.5.1) |
| Shipping papers format | UN1950, AEROSOLS, 2.1, (-18 C c.c.), LTD QTY |

No component of this product is a listed Marine Pollutant (49 CFR 172.101, Appendix B)

Scharpf Group, Inc.

Safety Data Sheet

SECTION 15 Regulatory information

International Chemical Inventory

All components of this product are listed on or exempt from the following inventories:
TSCA (United States), CEPA/DSL (Canada), AICS (Australia), IECSC (China)

SECTION 16 Other information

Revision 2018-07-31

Date

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 2

Comments Approved: R. Handy