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E199-G75 (page 1)

**SECTION 1**

Manufacturer: SANDSTROM PRODUCTS COMPANY  
Address: 224 South Main Street  
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USA

Telephone\*: (309) 523-2121

Emergency\*: (800) 424-9300

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Mfg. Code ID: E199-G75 Revision level: 7-03/02/2022

Trade name: #099 SOLID FILM LUBRICANT MIL-PRF-46010/SAE AS5272 TYPE III

Recommended use of chemical: SOLID FILM LUBRICANT

Restrictions on use: Do not use where there is a potential for contact with food.

**SECTION 2****HAZARD IDENTIFICATION****HAZARD CLASSIFICATION:****WARNING!**

Eye irritation: Category 2A

Acute toxicity: Category 4 (Dermal)

Carcinogen: Category 2

**HAZARD & PRECAUTIONARY STATEMENTS:****Flammability:**

Not classified as a hazardous substance or mixture with flammability.

**Eye contact:**

H319: Causes serious eye irritation. P280: Wear protective gloves/ protective clothing/ eye protection/ face protection. P264: Wash hands and exposed body parts thoroughly after handling. P305,P351,P338: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337,P313: If eye irritation persists: get medical advice/ attention.

**SKIN CONTACT:**

H312: Harmful in contact with skin. P280: Wear protective gloves/ protective clothing/ eye protection/ face protection. P302,P352: If on skin: wash with plenty of soap and water. P312: Call a poison center or doctor/ physician if you feel unwell. P362: Take off contaminated clothing and wash before reuse. P501: Dispose of contents/ container in accordance with local/ regional/ national/ international regulations.

**INHALATION:**

Not classified as a hazardous substance or mixture for inhalation.

**INGESTION:**

Not classified as a hazardous substance or mixture for ingestion.

**Hazards not classified:**

No data available.

**OTHER HEALTH EFFECTS:**

H351: Suspected of causing cancer. P201: Obtain special instructions before use. P202: Do not handle until all safety precautions have been read and understood. P280: Wear protective gloves/ protective clothing/ eye protection/ face protection. P260: Do not breath dust/ puma/ gas/ mist/ vapors/ spray. p30844.313: If exposed or concerned: get medical advice/ attention. P314: Get medical advice/ attention if you feel unwell. P405: Store locked up. P501: Dispose of contents/ container in accordance with local/ regional/ national/ international regulations

**OTHER HAZARDS:**

Use only in a well-ventilated area or in a hood where no flame or other ignition sources are present. Do not use product in food-processing or food-handling equipment or on surfaces that may contact food. Do not allow product to contaminate foodstuffs. Do not eat, drink, or smoke when using product. Wash hands thoroughly after handling. Do not breathe vapors. Wear suitable eye and skin protection. Keep container closed when not in use. Protect from temperature extremes. In case of spill or leak, remove ignition sources and ventilate area.

**SECTION 3**

No.	Component	CAS#	% by wt.	SARA	vapor pressure (mm Hg 8 20 Cy (8 25 C) LEL
1	2-PROPDXYETHANOL	2807-30-9	5 - 10 YES	1.30	1.30
2	ANTIMONY TRIOXIDE	1309-64-4	10 - 15 YES	N/A	N/A

(N/A = not applicable)

**SECTION 4 FIRST AID MEASURES**

**EYE CONTACT:**

Immediately flush eyes with water for at least 15 minutes. Seek medical attention if any symptoms persist.

**SKIN CONTACT:**

Remove contaminated clothing and shoes. Wipe excess from skin and flush with water using soap if available. Seek medical attention if irritation occurs. Do not reuse clothing until thoroughly decontaminated.

**INHALATION:**

Remove victim to fresh air and treat symptomatically. Provide oxygen if breathing is difficult. Give artificial respiration if the victim is not breathing. Seek prompt medical attention.

**INGESTION:**

Dilute with liquid unless the victim is unconscious or very drowsy. If vomiting spontaneously occurs, keep the victim's head below the hips to prevent aspiration into the lungs. Consult a physician, hospital, or poison control center and/or transport to an emergency facility immediately.

**SECTION 5 FIRE FIGHTING MEASURES**

Flammability Classification - OSHA: Combustible liquid - Class IIIB  
 - DOT: Not regulated

**EXTINGUISHING MEDIA:**

Use water fog, foam, dry chemical, or carbon dioxide.

**SPECIAL FIRE FIGHTING PROCEDURES AND PRECAUTIONS:**

Clear fire area of unprotected personnel. Do not enter confined fire space without helmet, face shield, bunker coat, gloves, rubber boots, and a positive pressure NIOSH-approved self-contained breathing apparatus.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:**

Containers exposed to intense heat from fires should be cooled with water to prevent vapor pressure buildup which could result in container rupture. Container areas exposed to direct flame contact should be cooled with large quantities of water as needed to prevent weakening of container structure.

**SECTION 6 ACCIDENTAL RELEASE MEASURES**

**SPILL OR LEAK PROCEDURES:**

Large spills >> Evacuate the hazard area of unprotected personnel. Wear appropriate respirator and protective clothing. Shut off source of leak only if safe to do so. Dike and contain. If vapor cloud forms, water fog may be used to suppress; contain run-off. Remove with vacuum trucks or pump to storage/salvage vessels. Soak up residue with an absorbent such as clay, sand or other suitable material, place in non-leaking containers for proper disposal. Flush area with water to remove trace residue; dispose of flush solutions as above. Small spills » take up with an absorbent material and place in non-leaking containers, seal tightly for proper disposal.

**SECTION 7 HANDLING AND STORAGE**

**FLAMMABILITY:**

Not classified as a hazardous substance or mixture with flammability.

**SECTION 8 EXPOSURE CONTROLS / EMPLOYEE PROTECTION**

No.	(OSHA) PEL/TWA	PEL/CEILING	PEL/STEL	Skin
1	N/E	N/E	N/E	N/E
2	.5mg/m <sup>3</sup>	N/E	N/E	N/E

  

No.	(ACGIH) TLV/TWA	TLV/CEILING	TLV/STEL	Skin
1	N/E	N/E	N/E	N/E
2	.5mg/m <sup>3</sup>	N/E	N/E	N/E

>> The dried film of this product may become a dust nuisance When removed by sanding or grinding. OSHA recommends a PEL/TWA of 15 mg/m<sup>3</sup> for total dust and 5 mg/m<sup>3</sup> for the respirable fraction. ACGIH recommends a TLV/TWA of 10 mg/m<sup>3</sup> for total dust. >> (SKIN) absorption may contribute to the overall exposure to this material. Take appropriate measures to prevent skin contact.

(N/E = not established)

>> Component number 2 is listed by NTP and as a carcinogen or a possible carcinogen.\*\*  
Refer to appropriate reference Sources for additional information concerning carcinogens.

**RESPIRATORY PROTECTION:**

Avoid prolonged or repeated breathing of vapors/mist. If exposure exceeds TLV use a NIOSH-approved positive pressure supplied air respirator to prevent over exposure.

**PROTECTIVE CLOTHING:**

Avoid contact with eyes. wear goggles if there is a likelihood of contact with eyes. do not get on skin or on clothing.

**ADDITIONAL PROTECTIVE MEASURES:**

Use ventilation as required to control vapor/dust concentrations. Eye wash fountains and safety showers should be available for use in an emergency.

**SECTION 9**

**PHYSICAL PROPERTIES**

% volatile by volume: 72.02 +/- 2%                      weight per gallon: 11.44 +/- .2  
% volatile by weight: 51.75 +/- 2%                      VOC as supplied is .6653 pounds per gallon.

Physical state:	Liquid	Flammability (Solid, Gas):	N/A
Color:	(G) Gray	Flammability/Explosive Limits:	N/A
Odor:	Mild solvent	Vapor pressure:	N/A
Odor threshold:	N/A	Vapor density:	N/A
PH:	N/A	Relative density:	1.3001
Melting/freezing point:	N/A	Solubility:	N/A
Initial boiling point:	N/A	Partition coefficient:	N/A
Boiling range:	N/A	Auto-ignition temperature:	N/A
Evaporation range:	N/A	Decomposition temperature:	N/A
		Viscosity (AT 77F):	55-70 KU, STORMER

Flash Point: 216 +/-2 degrees F. SETAFLASH

**SECTION 10**

**STABILITY AND REACTIVITY**

STABILITY: Stable    HAZARDOUS POLYMERIZATION: Will not occur

**CONDITIONS AND MATERIALS TO AVOID:**

Based on the presence of component 1 avoid oxidizing materials. Based on the presence of component 2 avoid strong acids.

**HAZARDOUS DECOMPOSITION PRODUCTS:**

Carbon dioxide, carbon monoxide and unidentified organic compounds may be formed during combustion.

**SECTION 11**

**TOXICOLOGICAL INFORMATION**

Components	CAS #	HAZARD	
2-PROPDXYETHANOL	2807-30-9	LD50 DERM RABBIT	1,337 mg/kg
ANTIMONY TRIOXIDE	1309-64-4	LD50 ORAL RAT	>34600 mg/kg

**SECTION 12**

**ECOLOGICAL INFORMATION**

CAS#	Component	
002807-30-9	2-PROPDXYETHANOL	Harmful to Aquatic Life: N      Not Harmful to Aquatic Life: Y      May be Harmful to Aquatic: N
001309-64-4	ANTIMONY TRIOXIDE	Harmful to Aquatic Life: Y      Not Harmful to Aquatic Life: N      May be Harmful to Aquatic: Y

**SECTION 13**

**DISPOSAL CONSIDERATIONS**

**WASTE DISPOSAL:**

Waste characterizations and compliance with applicable laws are the sole responsibility of the end user. All disposal practices used for this product and its container(s) must follow all federal, state, and local laws and regulations. The information presented in this SDS pertains only to the product as shipped.

**SECTION 14 TRANSPORTATION INFORMATION**

Land transport  
US DOT

Proper shipping name: Paint, NOI  
NOS Components:  
Hazard class:  
ID - Number:  
Packaging group:  
Aquatic toxicity: YES

Sea transport  
IMDG

Proper shipping name: Environmentally HAZ substance, NOS  
NOS Components: Antimony Trioxide  
Hazard class: 9  
ID - Number: UN3082  
Packaging group: III  
Aquatic toxicity: YES

Air transport  
IATA/ICAO

Proper shipping name: Environmentally HAZ substance, NOS  
NOS Components: Antimony Trioxide  
Hazard class: 9  
ID - Number: UN3082  
Packaging group: III  
Aquatic toxicity: YES

**SECTION 15 REGULATORY INFORMATION**

CAS#	Component		
002807-30-9	2-PROPDXYETHANOL		
US TSCA Inventory:	YES	Canada Domestic Substance List:	YES
Philippines:	YES	Japan:	YES
China:	YES	Australia:	YES
EC			: YES
Korea			: YES
001309-64-4	ANTIMONY TRIOXIDE		
US TSCA Inventory:	YES	Canada Domestic Substance List:	YES
Philippines:	YES	Japan:	YES
China:	YES	Australia:	YES
EC			: YES
Korea			: YES



WARNING This product can expose you to chemicals including ANTIMONY TRIOXIDE, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

No.	Component	CAS#	SARA
1	2-PROPDXYETHANOL	2807-30-9	YES
2	ANTIMONY TRIOXIDE	1309-64-4	YES

Under the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR Part 372, chemicals listed on the Section 313 List (40 CFR Part 372.65) are identified under the heading 'SARA 313'.

**SECTION 16 OTHER INFORMATION**

**-HMIS-**

HEALTH: 2\*  
FLAMMABILITY: 1  
REACTIVITY: 0  
PERSONAL PROTECT: X

(X = ask your supervisor for specialized handling directions)

Containers can contain hazardous product residues even when empty. Wash with soap and water before eating, drinking, smoking, or using toilet facilities.

The information contained herein is based on the data available to us and is believed to be correct. However, we make no warranty, expressed, or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injury from the use of the product described herein.