
Siroflex[®]
incorporatedQUALITY PERFORMANCE PRODUCTS

Safety Data Sheet

Revised 16-JAN-2015

Siroflex Window and Door Foam

CHEMICAL PRODUCT/COMPANY IDENTIFICATION

Material Identification

PRODUCT NAME Siroflex Window and Door Foam
PRODUCT USE Cleaning material/detergent.

Company Identification

MANUFACTURER/DISTRIBUTOR

Siroflex Incorporated
PO Box 26749
Greenville, SC 29616-1749

PHONE NUMBERS

Product Information/Emergency: 1-800-359-6398 1-864-458-9094
Fax: 1-864-458-9092
Website: www.siroflexinc.com
Email: info@siroflexinc.com

#HAZARDS IDENTIFICATION



Signal Word: Danger

Flammable aerosol.

May irritate skin and eyes.

Contains diphenylmethandiisocyanate, isomers and homologues. Extremely flammable aerosol. Pressurized container: May burst with heated. Harmful if inhaled. Causes skin irritation. Causes serious eye irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause An allergic skin reaction. Suspected of causing cancer. May cause harm to breast fed children. May cause respiratory irritation. May cause damage to organs through prolonged or repeated exposure. May cause long lasting harmful effects to aquatic life. If medical advice is needed, have product Container or label at hand. Keep out of reach of children. Read label before use. Keep away from Heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid contact during pregnancy/while nursing. Use only outdoors or in a well ventilated area. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. If ON SKIN" Wash with plenty of water. If INHALED: Remove person to fresh air and keep comfortable for breathing. If IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Protect from sunlight. Do not expose to temperatures exceeding 50 deg. C/122 deg. F. Dispose of contents/container in accordance with local/regional/national/international regulations. Contains isocyanates. May produce allergic reaction. Buildup of explosive mixtures possible without sufficient ventilation. Persons already sensitized to diisocyanates may develop allergic reactions when using this product. Persons suffering from asthma, eczema or skin problems should avoid contact, including dermal contact with this product. This product should not be used under conditions of poor ventilation unless a protective mask with an appropriate gas filter (i.e. type A1 according to standard EN 14387) is used.

COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS:	%	CAS Reg. #
Poly(methylene phenylene isocyanate}	25-50	9016-87-9
Medium chain chlorinated paraffins (MCCP)	2.5-10	85535-85-9
Dimethyl ether	2.5-10	115-10-6
Isobutane	2.5-10	75-28-5
Propane	2.5-10	74-98-6

FIRST AID MEASURES

First Aid

INHALATION: Remove to fresh air.

SKIN CONTACT: Wash thoroughly. Remove contaminated clothing.

EYE CONTACT: Irrigate eyes with running water for at least 15 minutes. Get medical attention if irritation develops.

INGESTION: Do not induce vomiting. Get medical attention.

FIRE FIGHTING MEASURES

FLASH POINT F° (C°): Not applicable as aerosol.

EXTINGUISHING MEDIA: Foam, fire extinguishing powder, carbon dioxide.

SPECIAL FIRE FIGHTING PROCEDURES / UNUSUAL FIRE OR EXPLOSION HAZARDS:
Firefighters should wear self contained breathing apparatus and full protective gear. Can form explosive gas/air mixtures. Cool endangered containers with water spray.

ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Wear protective equipment. Ensure adequate ventilation. Keep away from ignition sources. Do not allow to enter sewers/surface or ground water. Absorb with liquid binding material such as sand or sawdust.

HANDLING AND STORAGE

Precautions for safe handling: Ensure good ventilation/exhaustion at the work- place. Open and handle receptacle with care. Do not eat, drink or smoke when using this product. Prevent formation of aerosols.

Information about fire - and explosion protection: Keep ignition sources away
– Do not smoke. Protect against electrostatic charges. Do not spray onto a naked flame or any incandescent material. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C, i.e. electric lights. Do not pierce or burn, even after use.

Requirements to be met by storerooms and receptacles: Store in a cool location under dry conditions. Store only in the original receptacle. Observe official regulations on storing packagings with pressurized containers.

Information about storage in one common storage facility: Do not store together with oxidizing and selfigniting materials.

Further information about storage conditions: Protect from heat and direct sun- light. Store in a cool place. Heat will increase pressure and may lead to the receptacle bursting.

EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE PROTECTION REQUIREMENTS:..... Safety glasses/goggles.

SKIN PROTECTION REQUIREMENTS: ... Gloves.

RESPIRATOR REQUIREMENTS: Use if above OSHA PEL.

VENTILATION REQUIREMENTS: Use if above OSHA PEL.

Exposure Guidelines

DIMETHYLETHER

PEL (OSHA): not established

TLV (ACGIH): not established

ISOBUTANE

REL (OSHA): 800 ppm,

PROPANE

PEL (OSHA): 1000 ppm, 8 Hr. TWA

TLV (ACGIH): 1000 ppm, 8 Hr. TWA

PHYSICAL AND CHEMICAL PROPERTIES

Form	Aerosol
Color	Colored.
Odor	Characteristic.
Flash point	< 100 °C
Ignition temperature	235 °C
Self-igniting	Product is not self igniting.
Danger of explosion	Not explosive but formation of explosive air/vapor mixtures are possible
Lower explosion limit	3.0 %
Upper explosion limit	16.0 %
Vapor pressure (20 °C)	5.5 bar
Density (20 °C)	1.0 g/cm ³

STABILITY AND REACTIVITY

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

Possibility of hazardous reactions: Forms explosive gas mixture with air. Danger of bursting.

Conditions to avoid: Keep away from ignition sources, fire, and heating.

Incompatible materials: Acids, bases, and oxidants. Amines and alcohols. Polyols and water.

Hazardous decomposition products: Hydrogen cyanide (prussic acid). Hydro- gen chloride (HCl). Carbon monoxide and carbon dioxide. Nitrogen oxides (NO_x)

#TOXICOLOGICAL INFORMATION

Mixture not tested but based on ingredients:

Contains diphenylmethanddiisocyanate, isomers and homologues. Extremely flammable aerosol. Pressurized container: May burst with heated. Harmful if inhaled. Causes skin irritation. Causes serious eye irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause An allergic skin reaction. Suspected of causing cancer. May cause harm to breast fed children. May' cause respiratory irritation. May cause damage to organs through prolonged or repeated exposure. May cause long lasting harmful effects to aquatic life. If medical advice is needed, have product Container or label at hand. Keep out of reach of children. Read label before use. Keep away from Heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid contact during pregnancy/while nursing. Use only outdoors or in a well ventilated area. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. If ON SKIN" Wash with plenty of water. If INHALED: Remove person to fresh air and keep comfortable for breathing. If IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Protect from sunlight. Do not expose to temperatures exceeding 50 deg. C/122 deg, F. Dispose of contents/container in accordance with local/regional/national/international regulations. Contains isocyanates. May produce allergic reaction. Buildup of explosive mixtures possible without sufficient ventilation. Persons already sensitized to diisocyanates may develop allergic reactions when using this product. Persons suffering from asthma, eczema or skin problems should avoid contact, including dermal contact with this product. This product should not be used under conditions of poor ventilation unless a protective mask with an appropriate gas filter (i.e. type A1 according to standard EN 14387) is used.

ECOLOGICAL INFORMATION

Persistence and degradability: No further relevant information available.

Bioaccumulative potential: No further relevant information available. **Mobility in soil:**
No further relevant information available.

Additional ecological information: Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water. Do not allow product to reach ground water, water course or sewage system, even in small quantities. Based on 48h screening tests on *Daphnia Magna* (water flea) and *Desmo- desmus subspicatus* (algae) short-term effects on aquatic life / environment can be excluded.

Results of PBT and vPvB assessment: Not applicable.

Other adverse effects: No further relevant information available.

DISPOSAL CONSIDERATIONS

Waste Disposal:

Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations.

TRANSPORTATION INFORMATION

DOT

Proper Shipping Name : AEROSOLS, flammable
Hazard Class : 2.1
I.D. No. (UN/NA) : UN1950

REGULATORY INFORMATION

U.S. Federal Regulations

TSCA Inventory Status: Reported/included.

Section 313 Supplier Notifications.

This product contains no toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

Canadian Regulations:

DSL: Included
WHMIS: WHMIS classification: B-5

European Regulations:

EINECS: Ingredients included.

OTHER INFORMATION

Additional Information

NA = Not Applicable

NE = Not Established

= Indicates updated section

NPCA-HMIS Rating

Health : 1

Flammability: 4

Reactivity : 3

NFPA Rating

Health : 1

Flammability: 4

Reactivity : 3

Personal Protection rating to be supplied by user depending on use conditions.

STATE RIGHT-TO-KNOW LAWS

No substances on the state hazardous substances list, for the states indicated below, are used in the manufacture of products on this Safety Data Sheet, with the exceptions indicated. While we do not specifically analyze these products, or the raw materials used in their manufacture, for substances on various state hazardous substances lists, to the best of our knowledge the products on this Safety Data Sheet contain no such substances except for those specifically listed below:

WARNING: SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER:

None known.

WARNING: SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM: None known.

This information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of our knowledge and belief accurate and reliable as of the data compiled. However, no representation, warranty, or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information.

Responsibility for SDS :

Siroflex Incorporated
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Greenville, SC 29616-1749