

EC-Material Safety Data Sheet according 91/155/EWG

Date:30.09.2010

Replaces:18.09.2008

Ref:0206.1.S/DR

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1. Chemical product and company identification

Tradename: **SX SILICONE SPRAY**

Manufacturer/Supplier: Siroflex Ltd
Dodworth Business Park, Dodworth
Barnsley, South Yorkshire
England, S75 3SP

Telephone: 01226 771600 Fax: 01226 771601

E-mail: info@siroflex.co.uk Web-site: www.siroflex.co.uk

2. Hazards Identification

Extremely flammable. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION F+;R12. R52/53.

ENVIRONMENT

The product contains a substance which is toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

PHYSICAL AND CHEMICAL HAZARDS

Pressurised container: must not be exposed for temperatures above 50°C. The product is extremely flammable, and explosive vapour/ air mixtures may be formed even at normal room temperatures.

HUMAN HEALTH

In high concentrations, vapours and spray mists are narcotic and may cause headache, fatigue, dizziness and nausea.

3. Composition/information on ingredients

Name	EC No.	CAS-No.	Content	Classification
ALIPHATIC HYDROCARBON	265-151-9	64742-49-0	10-30%	Xn ;R65. Xi ;R38. F ;R11. N ;R51/53. R67
BUTANE/ ISOBUTANE		106-97-8	30-60%	F+ ;R12.
PROPANE	200-827-9	74-98-6	30-60%	F+ ;R12.

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4. First-aid measures

GENERAL INFORMATION

Move the exposed person to fresh air at once.

INHALATION

Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. Keep the affected person warm and at rest. Get prompt medical attention.

INGESTION

Immediately rinse mouth and provide fresh air. Do not induce vomiting. Get medical attention if any discomfort continues.

SKIN CONTACT

Wash skin with soap and water. Get medical attention if any discomfort continues.

EYE CONTACT

Immediately rinse with water. Continue to rinse for at least 15 minutes. Make sure to remove any contact lenses from the eyes before rinsing. Get medical attention promptly if symptoms occur after washing.

5. Fire-fighting measures

EXTINGUISHING MEDIA

Water spray, foam, dry powder or carbon dioxide.

SPECIAL FIRE FIGHTING PROCEDURES

Use water spray to reduce vapours. Aerosol cans may explode in a fire. Cool aerosol containers exposed to heat with water spray and remove container, if no risk is involved.

UNUSUAL FIRE & EXPLOSION HAZARDS

Extremely flammable. Forms explosive mixtures with air. May explode in a fire. Vapours are heavier than air and may spread near ground to sources of ignition.

SPECIFIC HAZARDS

Pressurised container: Must not be exposed for temperatures above 50°C.

6. Accidental release measures

PERSONAL PRECAUTIONS

Ensure suitable personal protection (including respiratory protection) during removal of spillages in a confined area.

ENVIRONMENTAL PRECAUTIONS

Avoid discharge into drains.

SPILL CLEAN UP METHODS

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb in vermiculite, dry sand or earth and place into containers. Provide ventilation and confine spill. Do not allow to run off to sewer.

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7. Handling and storage

USAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Read and follow manufacturers recommendations. Avoid inhalation of vapours and spray mists. Do not spray on a naked flame or any incandescent material. When sprayed on a naked flame or any incandescent material the aerosol vapours can be ignited.

STORAGE PRECAUTIONS

Extremely flammable. Store at moderate temperatures in dry, well ventilated area. Keep away from heat, sparks and open flame. Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

8. Exposure controls and personal protection

Name	Std	LT – ppm	LT – mg/m3	ST – ppm	ST – mg/m3
BUTANE/ ISOBUTANE	WEL	600 ppm		750 ppm	

WEL=Workplace Exposure Limit

RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Workplace Exposure Limit. In case of inadequate ventilation use suitable respirator.

HAND PROTECTION

For prolonged or repeated skin contact use suitable protective gloves.

EYE PROTECTION

Wear approved chemical safety goggles where eye exposure is reasonably probable.

HYGIENE MEASURES

When using do not eat, drink or smoke. Wash promptly if skin becomes wet or contaminated.

9. Physical and chemical data

APPEARANCE	Aerosol
COLOUR	Varying
ODOUR	of Solvents
PHYSICAL DATA COMMENTS	Information given concerns the major ingredient. 23 Flammable gas.
FLASH POINT (°C)	<-40°C
AUTO IGNITION TEMPERATURE (°C)	410-580
FLAMMABILITY LIMIT – LOWER (%)	1.8%
FLAMMABILITY LIMIT – LOWER (%)	9.5%

10. Stability and reactivity

STABILITY

Highly volatile.

CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition. Avoid exposure to high temperatures or direct sunlight.

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11. Toxicological information

SKIN CONTACT

Irritating to skin. Prolonged and frequent contact may cause redness and irritation.

EYE CONTACT

Spray and vapour in the eyes may cause irritation and smarting.

HEALTH WARNINGS

In high concentrations, vapours are narcotic and may cause headache, fatigue, dizziness and nausea. Arrhythmia, (deviation from normal heartbeat).

ROUTE OF ENTRY

Inhalation. Skin absorption.

TARGET ORGANS

Central nervous system. Respiratory system, lungs.

MEDICAL SYMPTOMS

Narcotic effect. Vapours may cause drowsiness and dizziness.

12. Ecological information

ECOTOXICITY

The product contains substances which are toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment. Dangerous for the environment if discharged into watercourses. Do not allow to enter drains, sewers or watercourses.

13. Disposal considerations

Make sure containers are empty before discarding (explosion risk). Do not puncture or incinerate even when empty. Dispose of waste and residues in accordance with local authority requirements.

14. Transport

UK ROAD CLASS	2, 5F	UK ROAD PACK GR.	
PROPER SHIPPING NAME	AEROSOLS	ADR CLASS	Class 2: Gases
UN NO. ROAD	1950	ADR LABEL NO.	2.1
ADR CLASS NO.	2, 5F	RID CLASS NO.	2, 5F
ADR PACK GROUP		UN NO. SEA	1950
CEFIC TEC(R) NO.	20G5F	IMDG PAGE NO.	2102
RID PACK GROUP		EMS	F-D, S-U
IMDG CLASS	2	MARINE POLLUTANT	No.
IMDG PACK GR.		AIR CLASS	2
MFAG	See Guide	AIR PACK GR.	
UN NO. AIR	1950		
AIR SUB CLASS	2.1		

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15. Regulatory information

LABELLING



Extremely flammable

CONTAINS

ALIPHATIC HYDROCARBON

RISK PHRASES

R12 Extremely Flammable
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SAFETY PHRASES

S9 Keep container in a well-ventilated place.
S16 Keep away from sources of ignition.
S51 Use only in well-ventilated areas.
S60 This material and its container must be disposed of as hazardous waste.

UK REGULATORY REFERENCES

Health and Safety at Work Act 1974. Chemicals (Hazard Information & Packaging) Regulations. The Control of Substances Hazardous to Health Regulations 1988.

EU DIRECTIVES

Dangerous Preparations Directive 1999/45/EC.

STATUTORY INSTRUMENTS

Control of Substances Hazardous to Health.

APPROVED CODE OF PRACTICE

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

16. Additional information

RISK PHRASES IN FULL

R11 Highly flammable.
R12 Extremely flammable.
R38 Irritating to skin
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65 Harmful: may cause lung damage if swallowed.
R67 Vapours may cause drowsiness and dizziness.