

Safety Data Sheet

In accordance with REACH Regulation (EC) no. 1907/2006

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

Product name: SAN SPRAY

Use: Sliding agent for plastic piping etc.

Product registration no.: -

Date: 18.05.1998

Most recent revision: 11.03.2010

Contact person: lja@eurofins.dk

Phone no. for emergencies: +45 86 26 11 77

+45 82 12 12 12 (Bispebjerg Hospital, Giftlinje ("Toxins Line"))

The logo for Unipak, featuring the word "Unipak" in a bold, yellow, sans-serif font with a blue outline.

2. Hazards identification

The product has hazard classification F+;R12.

The product has an irritant effect on contact with the skin, eyes and respiratory system.

The product is highly flammable.

3. Composition/information on ingredients

Selected ingredients	EINECS/ ELINCS	CAS no.	Wt-%	Classification
Butane (<0.1% butadiene)	203-448-7	106-97-8	30-60	F+;R12 ClaP*: Flam Gas 1: H220:
Propane	200-827-9	74-98-6	30-60	F+;R12 ClaP*: Flam Gas 1: H220:

ClaP*: European Parliament and Council Regulation (EC) no. 1272/2008.
The full text of R and H phrases is given in Par. 16.

4. First-aid measures

Inhalation:

Seek fresh air. If discomfort continues, seek medical advice.

Skin contact:

Wash the skin with plenty of soap and water. After washing, rub skin with a thick cream. In case of persistent irritation, seek medical advice.

Eye contact:

Open the eye wide and rinse with plenty of water for at least 15 minutes. If the irritation does not improve, seek medical advice.

Swallowing:

Avoid vomiting if possible. Give the casualty water or milk to drink. Seek medical advice.

Burns:

Flush with water until the pain stops. During flushing, remove clothing which is not burnt onto the skin from the burnt area. If medical treatment is necessary, continue flushing until the doctor takes over treatment.

5. Fire-fighting measures

The product is highly flammable. As far as possible remove the product from areas threatened by fire. Containers may explode if heated above 50°C. In case of fire, cool with water.

Extinguish the fire with carbon dioxide, foam, powder or water mist. Do not use water jets.

Use supplied-air respirator for fire fighting. Toxic gases (e.g. carbon monoxide) are emitted in the case of fire.

6. Accidental release measures

Avoid ignition sources. No smoking.
In case of release to the external environment, contact the environmental authorities.
Cover/absorb large quantities of released material with sand or other absorbent material.
These must then be treated as waste. See also Pars. 8 and 13.
Do not let the product enter drainage systems.

7. Handling and storage

Ensure there is good ventilation when using the product. If this is not possible approved breathing masks must be worn. See Par. 8.
Avoid contact with skin and eyes. If skin contact cannot be avoided, protective gloves may be worn. See Par. 8.
Store the product in the closely sealed original packaging in a cool and well-ventilated place.
Fire hazard class: I-1, One storage unit: 1litre.

8. Exposure controls/personal protection

The following notifiable ingredients have a threshold value under Danish Working Environment Authority Instruction (At-anvisning) C.0.1, 2007:

Butane	1200 mg/m ³
Propane	1800 mg/m ³

Compliance with threshold values can be checked with occupational hygiene measurements.
The following personal protective measures are recommended, where necessary:

Breathing apparatus: Rubber half-mask/A filters **Gloves:** PVA or 4H **Eye protection:** -

9. Physical and chemical properties

Appearance:	Aerosol	Solubility in water:	Insoluble
	-	Partition coefficient	
Odour:	-	n-octanol/water:	-
pH:	-	Flash point:	<21°C
Boiling point:	-	Self-ignition temperature:	-
Melting point:	-	Explosion limits:	-
Vapour pressure (20 °C):	Approx. 1 kg/l	Viscosity:	-
Density:			

-: Means no data or not applicable

10. Stability and reactivity

Risk of explosion when heated.

11. Toxicological information

Inhalation:

Vapour from the product has a strong irritant effect on the respiratory system and can lead to dizziness, headache and general feelings of unwellness.

(Cont. page 4)

(Cont. page 3)

Skin contact:

The product may have an irritant effect on contact with the skin.

Eye contact:

The product may have an irritant effect on contact with the eyes.

Swallowing:

Swallowing may cause nausea, discomfort and possible vomiting.

Long-term effects:

None known.

12. Ecological information

Danger to aquatic environments: There is insufficient data for an environmental classification of ingredients in accordance with Danish Environment Ministry rules.

Danger to other ecosystems: Insufficient data.

13. Disposal considerations

Waste catalogue code (EAK Code): 16 05 04. The product is regarded as hazardous waste. Empty aerosol containers may be disposed of as general waste. Spillage and residues to be disposed according to Local Authority instructions e.g. a municipal receiving station for chemical waste. In case of disposal to Kommunekemi, please quote chemical wastes group: Z.

For transport as waste: See Par. 14.

14. Transport information

UN No.: 1950; **ADR/RID class:** 2; **Classification code:** 5F; **Packaging group:** -;
Goods description: Aerosols; **IATA:** 2; **IMDG:** 2; **EmS:** F-D, S-U

15. Regulatory information

Hazard label on packaging:

Extremely flammable (R12)
Keep away from sources of ignition – No smoking (S16)
Do not breathe vapour/spray (S23)
Avoid contact with skin and eyes (S24/25)
Use only in well-ventilated areas (S51)



Container under pressure. Must be protected from sunlight and not exposed to temperatures above 50°C. Do not pierce or burn, even when empty. Do not spray near naked flame or incandescent material. Store away from any ignition source – No smoking. Store out of reach of children.

Limitations on use: May not be used by young people under 18 years (except apprentices).

Requirements for special training: None.

Also covered by the following special statutory instruments:

- Statutory instrument on aerosols, no. 1003 of 26 October 2009.

Requirement for workplace user instruction as the product contains $\geq 1\%$ of a substance on the Danish Working Environment Authority Threshold Value List.

16. Other information

The following paragraphs have been revised: 1, 2, 3, 6, 7, 8, 10, 11, 12, 13, 15 and 16.

Text of R and H phrases named in Pars. 2 and 3.

R12: Extremely flammable

H220: Extremely flammable gas

Advice and training/instruction:

The product may only be used by persons instructed in the execution of the work and familiar with the contents of this safety data sheet.

**Prepared by: Eurofins Product Testing A/S, Smedeskovvej
38, 8464 Galten, Tel.: 70 22 42 76, Fax:70 22 42 75**