

European Safety Data Sheet

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

1.1 Identification of the substance or preparation

Product name Spray Silicone

1.2 Use of the substance / preparation

Intended use Multipurpose silicone : waterproofing, detouching, lubricant

1.3 Company identification

Name MACOTA s.r.l.
Full address Via Piave, 82
District and Country 50053 Empoli (FI)
ITALIA

1.4 Emergency telephone

For urgent inquiries refer to Uffici e Stabilimento: Via della Fornace, 9/11/13 - Via Corta 1/b
56020 San Romano (PI)
Tel. ++39 (0)571 450184 - ++39 (0)571 450185

2. HAZARDS IDENTIFICATION

Directive criteria, 67/548/CE, 99/45/EC and following amendments thereof:

Properties / Symbols:

F+ Extremely flammable

R Phrases:

R12 Extremely flammable.

EC regulation criteria 1272/2008 (CLP):

None


3. COMPOSITION/INFORMATION ON INGREDIENTS


Hazardous components within the meaning of EEC directive 67/548 and CLP regulation and corresponding classification:

40% - 50% butane

N.67/548/CEE: 601-004-00-0 CAS: 106-97-8 EC: 203-448-7

F+; R12; substance with a Community workplace exposure limit


2.2/1 Flam. Gas 1  H220


2.5 Press. Gas  H280

15% - 20% propane

N.67/548/CEE: 601-003-00-5 CAS: 74-98-6 EC: 200-827-9

F+; R12; substance with a Community workplace exposure limit


2.2/1 Flam. Gas 1  H220


2.5 Press. Gas  H280

15% - 20% butane

N.67/548/CEE: 601-004-00-0 CAS: 75-28-5 EC: 200-857-2

F+; R12; substance with a Community workplace exposure limit

2.2/1 Flam. Gas 1  H220

2.5 Press. Gas  H280

3% - 5% ALCANI C10

CAS: 124-18-5 EC: 204-686-4

Xn; R10-65-66

4. FIRST AID MEASURES

In case of skin contact:

Wash with plenty of water and soap.

In case of eyes contact:

Wash immediately with water for at least 10 minutes.

In case of Ingestion:

Induce vomiting. SEEK A MEDICAL EXAMINATION IMMEDIATELY and present the safety-data sheet.

A suspension of activated charcoal in water, or liquid paraffin may be administered.

In case of Inhalation:

Ventilate the premises. The patient is to be removed immediately from the contaminated premises and made to rest in a well ventilated area. Should the patient feel unwell, OBTAIN MEDICAL ATTENTION.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:

CO2 or Dry chemical fire extinguisher.

Extinguishers not to be used:

None in particular.

Risks arising from combustion:

Avoid inhaling the fumes.

Protective equipment:

Use protection for the respiratory tract.

Cool the containers exposed to the fire with water.

6. ACCIDENTAL RELEASE MEASURES

Measures for personal safety:

Use gloves and protective clothing.

Environmental measures:

Limit leakages with earth or sand.

Eliminate all unguarded flames and possible sources of ignition. Do not smoke.

If the product has escaped into a water course, into the drainage system, or has contaminated the ground or vegetation, notify the competent authorities.

Cleaning methods:

If the product is in a liquid form, stop it from entering the drainage system.

Recover the product for re-use if possible, or for elimination. The product might, where appropriate, be absorbed by inert material.

After the product has been recovered, rinse the area and materials involved with water.

7. HANDLING AND STORAGE

Handling precautions:

Avoid contact and inhalation of the vapours. See, too, paragraph 8 below.

Do not eat or drink while working.

Do not smoke while working.

Incompatible materials:

None in particular.

Storage conditions:

Always keep in a well ventilated place.

Keep away from unguarded flame, sparks, and heat sources. Avoid direct exposure to sunlight.

Instructions as regards storage premises:

Cool and adequately ventilated.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Precautionary measures:**

Give adequate ventilation to the premises where the product is stored and/or handled.

Respiratory protection:

Use adequate protective respiratory equipment, e.g. CEN/FFP-2(S) or CEN/FFP-3(S).

Protection for hands:

Not needed for normal use.

Eye protection:

Not needed for normal use.

Protection for skin:

No special precaution must be adopted for normal use.

Exposure limit(s) (ACGIH):**butane**

TLV TWA: 1000 ppm

propane

TLV TWA: 1000 ppm

butane

TLV TWA: 1000 ppm

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and colour:	Spray can
Odour:	dolce di solvente
pH:	N.A.
Melting point / freezing point:	N.A.
Initial boiling point and boiling range:	N.A.
Flash point:	< 0 ° C
Solid/gas flammability:	N.A.
Autoignition temperature:	400°C(gas)
Explosive properties:	N.A.
Oxidizing properties:	N.A.
Vapour pressure:	N.A.
Relative density:	0.950 Kg/l
Solubility in water:	0%
Lipid solubility:	100%
Partition c. (n-octanol/H ₂ O):	N.A.
Vapour density:	>1

10. STABILITY AND REACTIVITY**Conditions to avoid:**

Stable under normal conditions.

Substances to avoid:

Avoid contact with combustible materials. The product could catch fire.

Hazardous decomposition products:

None.

11. TOXICOLOGICAL INFORMATION

There is no toxicological data available on the mixture. Consider the individual concentration of each component to assess toxicological effects resulting from exposure to the mixture.

Toxicological information on main components of the mixture:

The product does not contain toxicologically relevant substances.

12. ECOLOGICAL INFORMATION

Adopt good working practices, so that the product is not released into the environment.

13. DISPOSAL CONSIDERATIONS

Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.

Where applicable, refer to the following regulatory provisions : 91/156/EEC, 91/689/EEC, 94/62/EC and subsequent amendments.

14. TRANSPORT INFORMATION

ADR-Class: 2.5°F CAP. 2.2.2.1.6 UN1950

IATA-Class: 2.1

IMDG-Class: 2 Aerosols UN 1950

IMDG-Page: 2102

15. REGULATORY INFORMATION

Dir. 67/548/EEC (Classification, packaging and labelling of dangerous substances). Dir. 99/45/EEC (Classification, packaging and labelling of dangerous preparations). Dir. 98/24/EC (Risks related to chemical agents at work). Dir. 2000/39/EC (Occupational exposure limit values); Dir. 2006/8/CE. Regulation (CE) n. 1907/2006 (REACH), Regulation (CE) n.1272/2008 (CLP), Regulation (CE) n.790/2009.

**F+**

Directive criteria, 67/548/CE, 99/45/EC and following amendments thereof:

Symbols:

F+ Extremely flammable

R Phrases:

R12 Extremely flammable.

S Phrases:

S16 Keep away from sources of ignition - No smoking.

S2 Keep out of reach of children.

S23 Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer).

S46 If swallowed, seek medical advice immediately and show this container or label.

S51 Use only in well-ventilated areas.

S9 Keep container in a well-ventilated place.

Special Provisions:

Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.

Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Keep out of reach of children.

EC regulation criteria 1272/2008 (CLP):

Symbols:

None

Hazard Statements:

None

Precautionary Statements:

None

Special Provisions:

None

Where applicable, refer to the following regulatory provisions :

Directive 82/501/EEC ('Activities linked to risks of serious accidents') and subsequent amendments.

Regulation (EC) nr 648/2004 (detergents).

16. OTHER INFORMATION

Text of phrases referred to under heading 3:

R10 Flammable.

R12 Extremely flammable.

R65 Harmful: may cause lung damage if swallowed.

R66 Repeated exposure may cause skin dryness or cracking.

H220 Extremely flammable gas.

H280 Contains gas under pressure; may explode if heated.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold

ACGIH - Threshold Limit Values - 2004 edition

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.