

Safety Data Sheet

1. Identification of the substance / preparation and the Company

1.1 Identification of the substance or preparation

Code: 31204/08/15
Product name: SERVICE - Spray Silicone

1.2 Use of the substance / preparation

Intended use: SPRAY SILICONE - WATERPROOFING - LUBRICATING - DETACHING.

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. Composition / Information on ingredients

Name	Concentr.(C)	Classification
N° Cas 92045-53-9	76,2 ≤ C < 80,3	R67
N° CE 295-434-2		F R11
N° Index 649-383-00-1		Xi R38
1.2-DICHLOROPROPANE		N R51/53
N° Cas 78-87-5	5,7 ≤ C < 6,8	F R11
N° CE 201-152-2		Xn R20/22
N° Index 602-020-00-0		

The complete text of -R- phrases is specified in section 16.

3. Hazards Identification

3.1 Substance/Preparation Classification

This preparation is dangerous under 67/548/EEC and 1999/45/EC regulations and subsequent amendments. This preparation requires a safety data sheet according to the 91/155/EC regulation and subsequent amendments. Further information on health and/or environmental hazards can be found in sections 11 and 12 of this sheet.

Danger Symbols: F-Xi-N

Phrases R:
11-38-51/53-67

3.2 Danger Identification

This product may easily catch fire after brief exposure to an ignition source, going on burning even after source removal.

IRRITATING TO SKIN.

TOXIC TO AQUATIC ORGANISMS, MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT.

VAPOURS MAY CAUSE DROWSINESS AND DIZZINESS.

4. First aid measures

EYES: Irrigate copiously with clean, fresh water for at least 15 minutes. Seek medical advice.

SKIN: Wash immediately with plenty of water. Remove contaminated clothing. If irritation persists seek medical attention. Wash contaminated clothing before using them.

INHALATION: Remove to fresh air. If breathing is irregular seek medical advice.

INGESTION: Obtain immediate medical attention. Induce vomiting only if indicated by the doctor. Never give anything by mouth to an unconscious person.

5. Fire-fighting measures

Closed containers exposed to the heat of a fire may lead to pressure rise and explode. For information on environmental and health risks, protection of the respiratory airways, ventilation and individual protective measures refer to the other sections of this sheet.

Extinguishing measures: CO₂, foam, AFFF, chemical powder for flammable liquids. Water may not be effective to extinguish the fire, nevertheless it should be used to cool the containers exposed to flames and prevent fires and explosions. For leakage and spillage that have not caught fire, nebulized water may be used to disperse the flammable vapours and protect the people involved in stopping the leakage.

Equipment: wear equipment complete with helmet and face shield and protection of the neck, selfbreathing apparatus at pressure or demand, insulative jacket and trousers, with bands around the arms, legs and waist.

6. Accidental release measures

Extinguish the sources of ignition or heat; cover the spillage with absorbent material. Collect the spilt material and discard the remainder spraying water, if not controindicated (see section 10). For information on environmental and health risks, protection of the respiratory airways, ventilation and individual protective measures, refer to the other sections of this sheet.

Spillage in waters: remove the liquid from the surface with flameproof pumps or manual pumps or suitable absorbent material. Resort to sinking and/or dispersion of the product with suitable substances in open waters, if permitted by the law. The product can be separated from the effluents with oil separators.

7. Handling and storage

Store in a wellventilated place keeping the containers closed when not used. Do not smoke while handling. Keep far away from sources of heat, naked flames and sparks and other sources of ignition; do not spray in the vicinity of flames or incandescent materials.

For information on environmental and health risks, protection of the respiratory airways, ventilation and individual protective measures refer to the other sections of this sheet.

8. Exposure controls / personal protection.

1,2-DICHLOROPROPANO

- TLV TWA	347	mg/m ³	ACGIH
- TLV STEL	508	mg/m ³	ACGIH

In order to minimize exposure as far as possible, it is strongly recommended to use adequate individual protective measures such as: masks suitable for the product, goggles, gloves and overalls. Do not eat, drink or smoke while handling it. Accurately wash the hands with soap and water before meals and at the end of the work shift.

9. Physical and chemical properties

Colour	Characteristic
Odour	Characteristic
Appearance	Liquid
Solubility	Not soluble
Viscosity	N.A.
Vapour density	N.A.
Evaporation speed	N.A.
Comburent properties	N.A.
Partition coefficient: n-octanol/water	N.A.
pH	N.A.
Boiling point	N.A.
Flash point	< °C21
Explosive properties	N.A.
Vapour pressure	N.A.
Specific gravity	N.A.

10. Stability and reactivity

The product is stable in normal conditions of use and storage. Due to thermal decomposition or in the event of a fire vapours may be produced potentially dangerous to health.

Dichloropropane decomposes on contact with flames or redhot surfaces giving off toxic vapours of phosgene and corrosive vapours of hydrochloric acid. It reacts with light metals (aluminium etc.,) developing heat.

11. Toxicological information

Acute effects: contact with skin may cause irritation, erythema, edema, dryness and chapped skin. Contact with eyes may cause slight irritation. Vapour inhalation may slightly irritate the upper respiratory tract. Ingestion may cause health disorders, including stomach pain and sting, nausea and sickness.

This product contains highly volatile substances, which may cause serious depression of the central nervous system (CNS) and have negative effects such as drowsiness, dizziness, slow reflexes, narcosis.

12. Ecological information

This product is dangerous for the environment and is toxic for aquatic organisms. In the long term, it may even have negative effects on the aquatic environment.

13. Disposal considerations

Consider the possibility of burning the product in a suitable incinerator. Acid or basic products must always be neutralized before undergoing any treatment, including biological treatment whenever feasible. If the waste is solid, it can be disposed of in a landfill.

14. Transport information

These goods must be transported by vehicles authorized to the carriage of dangerous goods according to the provisions set out in the current edition of the Code of International Carriage of Dangerous Goods by Road (ADR) and in all the applicable national regulations. These goods must be packed in their original packings or in packings made of materials resistant to their content and not reacting dangerously with it. People loading and unloading dangerous goods must be trained on all the risks deriving from these substances and on all actions that must be taken in case of emergency situations.

Road and rail transport:

ADR: 2 UN:1950

Label: 2.1
 Nr. Kemler: 0
 Proper Shipping Name: Aerosols

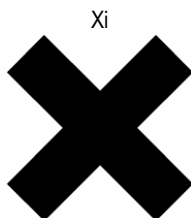
Carriage by sea (shipping):

IMO class: 2 UN:1950
 EMS: 2-13
 Proper Shipping Name: Aerosols

Transport by air:

IATA: 2 UN:1950
 Label: 2.1
 Cargo:
 Packaging instructions: 203 Maximum quantity: 150 Kg
 Pass.:
 Packaging instructions: 203 Maximum quantity: 75 Kg

15. Regulatory information



IRRITANT



HIGHLY FLAMMABLE



DANGEROUS FOR THE ENVIRONMENT

R11 HIGHLY FLAMMABLE.
 R38 IRRITATING TO SKIN.
 R51/53 TOXIC TO AQUATIC ORGANISMS, MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT.
 R67 VAPOURS MAY CAUSE DROWSINESS AND DIZZINESS.
 S 2 KEEP OUT OF THE REACH OF CHILDREN.
 S18 HANDLE AND OPEN CONTAINER WITH CARE.
 S23 DO NOT BREATHE GAS/FUMES/VAPOUR/SPRAY (APPROPRIATE WORDING TO BE SPECIFIED BY THE MANUFACTURER).
 S29 DO NOT EMPTY INTO DRAINS.
 S46 IF SWALLOWED, SEEK MEDICAL ADVICE IMMEDIATELY AND SHOW THIS CONTAINER OR LABEL.
 S61 AVOID RELEASE TO THE ENVIRONMENT. REFER TO SPECIAL INSTRUCTIONS/SAFETY DATA SHEETS.

Contains:

NAFTA (PETROLIO), LEGGERA IDRODESOLFORATA, DEAROMATIZZATA

Contents under pressure. Store away from sunbeams and do not expose to temperatures above 50° C. Do not pierce or burn, not even after use.

Do not spray on flames or incandescent objects.
 Keep far from combustion sources. Do not smoke.
 Keep out of the reach of children.

Danger labelling under regulations 67/548/CEE and 1999/45/CE and following amendments and adjustments.

Workers exposed to this chemical agent must undergo health checks according to regulation 98/24/CE.

16. Other information

Text of -R- phrases quoted in section 2 of the sheet.

R11	HIGHLY FLAMMABLE.
R20/22	HARMFUL BY INHALATION AND IF SWALLOWED.
R38	IRRITATING TO SKIN.
R51/53	TOXIC TO AQUATIC ORGANISMS, MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT.
R67	VAPOURS MAY CAUSE DROWSINESS AND DIZZINESS.

GENERAL BIBLIOGRAPHY

1. Regulation 1999/45/CE and following amendments;
2. Regulation 67/548/CEE and following amendments and adjustments (technical adjustment XXVIII);
3. Regulation 91/155/CEE and following amendments;
4. The Merck Index. - 10th Edition;
5. Handling Chemical Safety;
6. Niosh - Registry of Toxic Effects of Chemical Substances;
7. INRS - Fiche Toxicologique (toxicological sheet);
8. Patty - Industrial Hygiene and Toxicology;
9. N.I. Sax-Dangerous properties of Industrial Materials-7, 1989 Edition;

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product .

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.