

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Trade name: CARBO MOVE  
Trade code:  
Product type and use: Technical products  
Company:  
STAC PLASTIC SPRAY S.R.L. Via E. De Nicola 9/11 10036 Settimo Torinese (To) Italia.  
Emergency telephone number of the company and/or of an authorised advisory centre:  
STAC PLASTIC SPRAY S.R.L. Tel. n.. +39 011 8977566 Fax n. +39 011 8977491  
Competent person responsible for the safety data sheet:  
Montini Vittorino stacplas@stacplastic.com

## 2. HAZARDS IDENTIFICATION

Properties / Symbols:  
F+ Extremely flammable  
N Dangerous for the environment  
R Phrases:  
R12 Extremely flammable.  
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R66 Repeated exposure may cause skin dryness or cracking.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

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

25% - 30% ALCANI C10

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

Xn; R10-65-66

20% - 25% 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

12.5% - 15% heptane [and isomers]

N.67/548/CEE: 601-008-00-2 CAS: 142-82-5 EC: 205-563-8

F,Xn,Xi,N; R11-38-50-53-65-67

10% - 12.5% butane [1]

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

3% - 5% and isobutane [2]

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

## 4. FIRST AID MEASURES

Contact with skin:

Wash with plenty of water and soap.

Contact with eyes:

Wash immediately with water for at least 10 minutes.

Swallowing:

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.

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

Recommended extinguishers:

In case of fire, use Water, CO<sub>2</sub>, Foam, Chemical powders, according to the materials involved in the fire.

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.

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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.

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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.  
Keep away from flame and sparks. Avoid accumulating electrostatic charge.

Instructions as regards storage premises:

Cool and adequately ventilated.  
Safety electric system.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Precautionary measures:

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

Respiratory protection:

Not needed for normal use.

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):

propane

TLV TWA: 1000 ppm

heptane [and isomers]

VLE 8h: 2085 mg/m<sup>3</sup> - 500 ppm TLV TWA: 400 ppm - 1639,26 mg/m<sup>3</sup> TLV STEL: 500 ppm - 2049,08 mg/m<sup>3</sup>

butane [1]

TLV TWA: 1000 ppm

and isobutane [2]

TLV TWA: 1000 ppm

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and colour:	Spray can
pH:	N.A.
Melting point:	N.A.
Boiling point:	N.A.
Flash point:	< 0 ° C
Solid/gas flammability:	N.A.
Explosive properties:	N.A.
Oxidizing properties:	N.A.
Vapour pressure:	N.A.
Relative density:	0,75 KG/L
Solubility in water:	undissolvable
Lipid solubility:	complete
Partition c. (n-octanol/H <sub>2</sub> O):	N.A.
Vapour density:	N.A.

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10. STABILITY AND REACTIVITY

Conditions to avoid:

Avoid accumulating electrostatic charge.

Substances to avoid:

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

Hazardous decomposition products:

None.

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#### 11. TOXICOLOGICAL INFORMATION

The concentration of each substance should be borne in mind in assessing the toxicological effects deriving from the preparation.  
Set out below is the toxicological information relating to the main substances in the preparation.  
The product does not contain toxicologically relevant substances.

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#### 12. ECOLOGICAL INFORMATION

Adopt good working practices, so that the product is not released into the environment.  
List of substances dangerous for the environment and corresponding classification:  
12.5% - 15% heptane [and isomers]  
N.67/548/CEE: 601-008-00-2 CAS: 142-82-5 EC: 205-563-8  
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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#### 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.  
Use appropriate container to avoid environmental contamination.  
Where applicable, refer to the following regulatory provisions : 91/156/EEC, 91/689/EEC, 94/62/EC and subsequent amendments.

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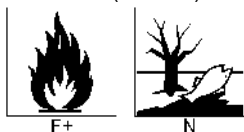
#### 14. TRANSPORT INFORMATION

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

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#### 15. REGULATORY INFORMATION

Council Directive 67/548/EEC (Classification, packaging and labelling of dangerous substances) and subsequent amendments. Commission Directive 1999/45/EC (Classification, packaging and labelling of dangerous preparation) and subsequent amendments. Commission Directive 98/24/EC (Protection of the health and safety of workers from the risk related to chemical agent). Commission Directive 2000/39/EC (Occupational exposure limit values). Regulation (EC) No 1907/2006 (REACH).



Symbols:

F+ Extremely flammable  
N Dangerous for the environment

R Phrases:

R12 Extremely flammable.  
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R66 Repeated exposure may cause skin dryness or cracking.

S Phrases:

S16 Keep away from sources of ignition - No smoking.  
S29/56 Do not empty into drains, dispose of this material and its container to hazardous or special waste collection point.  
S33 Take precautionary measures against static discharges.  
S43 In case of fire, use Water, CO<sub>2</sub>, Foam, Chemical powders, according to the materials involved in the fire.  
S57 Use appropriate container to avoid environmental contamination.  
S9 Keep container in a well-ventilated place.

Where applicable, refer to the following regulatory provisions :  
Directive 2003/105/CE ('Activities linked to risks of serious accidents').

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#### 16. OTHER INFORMATION

Text of R phrases referred to under heading 3:

R10 Flammable.  
R11 Highly flammable.  
R12 Extremely flammable.  
R38 Irritating to skin.  
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R65 Harmful: may cause lung damage if swallowed.  
R66 Repeated exposure may cause skin dryness or cracking.  
R67 Vapours may cause drowsiness and dizziness.

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

Safety Data Sheet  
CARBO MOVE

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.