



F



Xi

Safety Data Sheet
MAPEPLAN T SEAM PREP

Safety Data Sheet dated 17/9/2010, version 1

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Trade name: MAPEPLAN T SEAM PREP

Product type and use:

Solvent based thinner

Supplier:

POLYGLASS S.p.A.

Registered office: Viale Jenner, 4 - 20159 Milano

Headquarter: Via dell'Artigianato, 34- 31047 Ponte di Piave (TV)

Emergency telephone number of the company and/or of an authorised advisory centre:

POLYGLASS S.p.A. Tel: +39-0422-7547

Fax: +39-0422-854118


Poison Centre - Ospedale di Niguarda - Milan - Tel. +39/02/66101029


Competent person responsible for the safety data sheet:

info@polyglass.it

2. HAZARDS IDENTIFICATION

Properties / Symbols:

 F Highly flammable

 Xi Irritant

R Phrases:

R11 Highly flammable.

R36 Irritating to eyes.

R66 Repeated exposure may cause skin dryness or cracking.

R67 Vapours may cause drowsiness and dizziness.

The product easily catches fire if it is exposed to an ignition source.

If brought into contact with the eyes, the product causes considerable irritation which can last for over 24 hours.

3. COMPOSITION/INFORMATION ON INGREDIENTS

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

50% - 60% 1-methoxy-2-propanol

N. EEC/67/548: 603-064-00-3 CAS: 107-98-2 EC: 203-539-1

R10;

40% - 50% butanone

N. EEC/67/548: 606-002-00-3 CAS: 78-93-3 EC: 201-159-0

F,Xi; R11-36-66-67

0.1% - 0.25% 2-methoxypropanol

N. EEC/67/548: 603-106-00-0 CAS: 1589-47-5 EC: 216-455-5

Repr. Cat. 2,Xi; R10-37/38-41-61

4. FIRST AID MEASURES

In case of skin contact:

Immediately take off all contaminated clothing.

Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap.

In case of eyes contact:

Wash immediately and thoroughly with running water, keeping eyelids raised, for at least 10 minutes. Following this, protect the eyes with sterile gauze or a clean, dry, handkerchief. OBTAIN A MEDICAL EXAMINATION.

In case of Ingestion:

Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

A suspension of activated charcoal in water, or petroleum jelly may be administered.

In case of Inhalation:

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

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:

In case of fire, use CO₂, chemical powders or foam.

Extinguishers not to be used:

None in particular.

Risks arising from combustion:

The original ingredients or unidentified toxic and/or irritant compounds may be present in the combustion fumes.

Avoid inhaling the fumes.

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Protective equipment:
Use protection for the airways.
Cool the containers exposed to the fire with water.

6. ACCIDENTAL RELEASE MEASURES

Measures for personal safety:
Use gloves and protective clothing.
Eliminate all unguarded flames and possible sources of ignition. Do not smoke.

Environmental measures:
Limit leakages with earth or sand.
Eliminate all unguarded flames and possible sources of ignition. Do not smoke.
None in particular.
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 disposal. 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 the containers tightly closed.
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).
In case of insufficient ventilation use mask with AK2 filters (EN 141).

Protection for hands:
Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.
The use of LLPDE (0,06 mm), nitrile (0,4) or butyl (0,5 mm) gloves is suggested.
Latex gloves are not recommended.

Eye protection:
Not needed for normal use.

Protection for skin:
No special precaution must be adopted for normal use.
Personal Protective Equipment should comply with relevant CE standards (as EN 374 for gloves and EN 166 for goggles), correctly maintained and stored. Consult the supplier to check the suitability of equipment against specific chemicals and for user information.

Exposure limit value of single components:

1-methoxy-2-propanol	VLE 8h: 375 mg/m ³ - 100 ppm/SUISSE (VME) 100ppm - 360mg/m ³ ; POLAND (NDS) 180 mg/m ³ ; (NDSch) 360 mg/m ³ VLE short: 568 mg/m ³ - 150 ppm/SUISSE (VLE) 200ppm - 720mg/m ³ TLV TWA:: 100 ppm - 368,59 mg/m ³ TLV STEL:: 150 ppm - 552,88 mg/m ³
butanone	VLE 8h: 600 mg/m ³ - 200 ppm/SUISSE (VME) 200ppm - 480mg/m ³ ; Poland (NDS) 200 mg/m ³ , (NDSch) 850 mg/m ³ VLE short: 900 mg/m ³ - 300 ppm/SUISSE (VLE) 200ppm - 590mg/m ³ TLV TWA:: 200 ppm - 589,78 mg/m ³ TLV STEL:: 300 ppm - 884,66 mg/m ³

Carry out the control of the concentrations of the substances with exposure limits assigned, in the working place according to local dispositions

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	liquid
Colour:	colorless
Odour:	of solvent
pH:	-
Melting point:	N.A.
Boiling point:	ca. 93 °C
Flash point:	-4 °C

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Solid/gas flammability:	N.A.
Explosion limits(by volume):	N.A.
Oxidizing properties:	N.A.
Vapour pressure:	N.A.
Relative density:	0,84-0,88 g/cm ³ (23°C)
Solubility in water:	insoluble
Lipid solubility:	partly soluble
Viscosity:	N.A.
Vapour density (air=1):	N.A.

10. STABILITY AND REACTIVITY

Conditions to avoid:
Stable under normal conditions.

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

11. TOXICOLOGICAL INFORMATION

Route(s) of entry:

Ingestion:	Yes
Inhalation:	Yes
Contact:	Yes

Toxicological information related to the product:

No toxicological data are available at the moment on the product itself.

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:

butanone

LD50 oral rat: 2737 mg/Kg

Corrosive/Irritating Properties:

Skin:

The product can cause a temporary irritation by prolonged contact.

Eye:

The product can cause irritation by contact

Sensitizing Properties:

No effects are known.

Cancerogenic Effects:

No effects are known.

Mutagenic Effects:

No effects are known.

Teratogenic Effects:

No effects are known.

12. ECOLOGICAL INFORMATION

Biodegradability: no data available on the preparation.

Aquatic toxicity: the preparation is not to be considered toxic to the aquatic environment based on components.

LC50>100mg/l - aquatic species (calculated data following 1999/45/EC Directive).

Adopt good industrial 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.

This material and its container must be disposed of as hazardous waste.

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

Disposal of not hardened product (EC waste code) :

07 07 04

The suggested European waste code is just based on the composition of the product.

According to the specific process or application field a different waste code may be necessary.

14. TRANSPORT INFORMATION

UN Number:	1263
Rail/Road(RID/ADR):	3,III
Sea (IMO/IMDG):	3,III
MAR/POL 73/78,Annex III:	No
Air (ICAO/IATA):	3,III

15. REGULATORY INFORMATION

Council Directive 67/548/EEC (Classification, packaging and labelling of dangerous substances) and subsequent amendments.

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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:

Xi Irritant
F Highly flammable

R Phrases:

R11 Highly flammable.
R36 Irritating to eyes.
R66 Repeated exposure may cause skin dryness or cracking.
R67 Vapours may cause drowsiness and dizziness.

S Phrases:

S16 Keep away from sources of ignition - No smoking.
S24 Avoid contact with skin.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S43 In case of fire, use CO₂, chemical powders or foam.
S60 This material and its container must be disposed of as hazardous waste.
S9 Keep container in a well-ventilated place.

16. OTHER INFORMATION

Main bibliographic sources:

NIOSH - Registry of toxic effects of chemical substances

Istituto Superiore di Sanità - Inventario Nazionale Sostanze Chimiche

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

ACGIH - Threshold Limit Values - 2004 edition

SAX'S - Dangerous properties of industrial materials

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.

Text of phrases referred to under heading 3:

R10 Flammable.
R11 Highly flammable.
R36 Irritating to eyes.
R37/38 Irritating to respiratory system and skin.
R41 Risk of serious damage to eyes.
R61 May cause harm to the unborn child.
R66 Repeated exposure may cause skin dryness or cracking.
R67 Vapours may cause drowsiness and dizziness.