SAFETY DATA SHEET

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Regulation (EU) No. 453/2010

IMPERMEABILIZANTE (Waterproofing)

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name : IMPERBEALIZANTE(Waterproofing)

1.2 Relevant identified uses of the substance or mixture and uses advised against

Product use Protective wax for coverings

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: : TOPCRET TECNOLOGIA EN REVESTIMIENTOS S.L.
Gran Vía de Les Corts Catalanes, 828
08013 Barcelona - España
Telephone :+34 932 741 208
Contact Person :info@topcret.com

1.4 Emergency telephone number

Toxicological Information Medical Service 91 562 04 20

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Directive criteria, 67/548/CE, 99/45/EC and following amendments thereof:
Properties / Symbols:
Xn Harmful
R Phrases:
R10 Flammable.
R65 Harmful: may cause lung damage if swallowed.
R66 Repeated exposure may cause skin dryness or cracking.
R67 Vapours may cause drowsiness and dizziness.

EC regulation criteria 1272/2008 (CLP)
Warning, Flam. Liq. 3, Flammable liquid and vapour.
Warning, STOT SE 3, May cause drowsiness or dizziness.
Danger, Asp. Tox. 1, May be fatal if swallowed and enters airways.
Adverse physicochemical, human health and environmental effects:
No other hazards
2.2. Label elements
Symbols:

Danger
Hazard statements:
H226 Flammable liquid and vapour.
H336 May cause drowsiness or dizziness.
H304 May be fatal if swallowed and enters airways.
Precautionary statements:
P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P210 Keep away from heat/sparks/open flames/hot surfaces. — No smoking.
P271 Use only outdoors or in a well-ventilated area.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P331 Do NOT induce vomiting.
P370+P378 In case of fire, use a dry powder fire extinguisher for extinction.
P501 Dispose of contents/container in accordance with applicable regulations.

Special Provisions:
None

Contents
HYDROCARBONS, C9-11, ALKANES
1-METHOXY-2-PROPANOL; MONOPROPYLENE GLYCOL METHYL ETHER

Special provisions according to Annex XVII of REACH and subsequent amendments:
None

2.3. Other hazards
vPvB Substances: None - PBT Substances: None

Other Hazards:
No other hazards

SECTION 3: Composition/information on ingredients

3.1. Substances
N.A.

3.2. Mixtures
Hazardous components within the meaning of EEC directive 67/548 and CLP regulation and related classification:

>= 40% - < 50% HYDROCARBONS, C9-11, ALKANES
REACH No.: 01-2119463258-33, EC: 919-857-5
Xn; R67-10-65-66
2.6/3 Flam. Liq. 3 H226
3.8/3 STOT SE 3 H336
3.10/1 Asp. Tox. 1 H304

>= 40% - < 50% 1-METHOXY-2-PROPANOL; MONOPROPYLENE GLYCOL METHYL ETHER
REACH No.: 01-2119457435-35, Index number: 603-064-00-3, CAS: 107-98-2, EC: 203-539-1
R10-67; substance with a Community workplace exposure limit
2.6/3 Flam. Liq. 3 H226
3.8/3 STOT SE 3 H336

>= 0.5% - < 1% N-BUTYL ACETATE
Index number: 607-025-00-1, CAS: 123-86-4, EC: 204-658-1
R10-66-67; substance with a Community workplace exposure limit
2.6/3 Flam. Liq. 3 H226
3.8/3 STOT SE 3 H336

SECTION 4: First aid measures

4.1. Description of 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.
Wash thoroughly the body (shower or bath).
Remove contaminated clothing immediately and dispose off safely.

In case of eyes contact:
In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

In case of Ingestion:
Do NOT induce vomiting.

In case of Inhalation:
Remove casualty to fresh air and keep warm and at rest.

4.2. Most important symptoms and effects, both acute and delayed

None

4.3. Indication of any immediate medical attention and special treatment needed

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).
Treatment:
None

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:
CO2 or Dry chemical fire extinguisher.
Extinguishing media which must not be used for safety reasons:
None in particular.

5.2. Special hazards arising from the substance or mixture

Do not inhale explosion and combustion gases.
Burning produces heavy smoke.

5.3. Advice for firefighters

Use suitable breathing apparatus .
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Move undamaged containers from immediate hazard area if it can be done safely.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.
Remove all sources of ignition.
Remove persons to safety.
See protective measures under point 7 and 8.

6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.
Retain contaminated washing water and dispose it.
In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.
Suitable material for taking up: absorbing material, organic, sand

6.3. Methods and material for containment and cleaning up

Wash with plenty of water.

6.4. Reference to other sections

See also section 8 and 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.
Don't use empty container before they have been cleaned.
Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.
Contamined clothing should be changed before entering eating areas.
Do not eat or drink while working.
See also section 8 for recommended protective equipment.

7.2. Conditions for safe storage, including any incompatibilities

Store in a place with flame proof system.
Store away from sunlight.
Always keep in a well ventilated place.
Keep away from unguarded flame, sparks, and heat sources. Avoid direct exposure to sunlight.
Keep away from food, drink and feed.
Incompatible materials:
Instructions as regards storage premises:

Cool and adequately ventilated.

7.3. Specific end use(s)

None in particular

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

HYDROCARBONS, C9-11, ALKANES

ACGIH - LTE(8h): 1200 mg/m3, 197 ppm - Notes: RCP (total hydrocarbons)

1-METHOXY-2-PROPANOL; MONOPROPYLENE GLYCOL METHYL ETHER - CAS: 107-98-2

ACGIH - LTE(8h): 369 mg/m3, 100 ppm - STE(15min): 553 mg/m3, 150 ppm - Notes: TLV - Skin

OEL 8h - 375 mg/m3 - 100 ppm

OEL short - 568 mg/m3 - 150 ppm

N-BUTYL ACETATE - CAS: 123-86-4

ACGIH - LTE(8h): 713 mg/m3 - STE(15min): 950 mg/m3 - Notes: TLV

DNEL Exposure Limit Values

HYDROCARBONS, C9-11, ALKANES

Worker Industry: 208 mg/kg - Consumer: 125 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects - Notes: bw/day

Consumer: 125 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

Worker Industry: 871 mg/m3 - Consumer: 900 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

1-METHOXY-2-PROPANOL; MONOPROPYLENE GLYCOL METHYL ETHER - CAS: 107-98-2

Worker Industry: 18.1 mg/kg - Consumer: 50.6 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Worker Industry: 43.9 mg/m3 - Consumer: 369 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Worker Industry: 3.3 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

Consumer: 553.5 mg/m3 - Exposure: Human Inhalation - Frequency: Short Term, local effects

PNEC Exposure Limit Values

1-METHOXY-2-PROPANOL; MONOPROPYLENE GLYCOL METHYL ETHER - CAS: 107-98-2

Target: Marine water - Value: 1 mg/l

Target: Soil (agricultural) - Value: 4.59 mg/kg - Notes:: d.w.

Target: Microorganisms in sewage treatments - Value: 100 mg/l

Target: Marine water sediments - Value: 5.2 mg/kg - Notes:: d.w.

8.2. Exposure controls

Eye protection:

Not needed for normal use. Anyway, operate according good working practices.

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

Protection for hands:

Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.

Respiratory protection:

Use adequate protective respiratory equipment.

Thermal Hazards:

None

Environmental exposure controls:

None

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance and colour:	Clear liquid, colorless
Odour:	Technical

Odour threshold: Evident
pH: N.A.
Melting point / freezing point: N.A.
Initial boiling point and boiling range: N.A.
Solid/gas flammability: N.A.
Upper/lower flammability or explosive limits: N.A.
Vapour density: N.A.
Flash point: 21 < fp <= 55 °C
Evaporation rate: N.A.
Vapour pressure: N.A.
Relative density: 0,852 g/ml
Solubility in water: Partial
Solubility in oil: Total
Partition coefficient (n-octanol/water): > 1000
Auto-ignition temperature: N.A.
Decomposition temperature: N.A.
Viscosity: < 10 cP
Explosive properties: N.A.
Oxidizing properties: N.A.

9.2. Other information

Miscibility: N.A.
Fat Solubility: N.A.
Conductivity: N.A.
Substance Groups relevant properties Not Relevant

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions

10.2. Chemical stability

Stable under normal conditions

10.3. Possibility of hazardous reactions

None

10.4. Conditions to avoid

Stable under normal conditions.

10.5. Incompatible materials

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

10.6. Hazardous decomposition products

None.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological information of the mixture:

N.A.

Toxicological information of the main substances found in the mixture:

HYDROCARBONS, C9-11, ALKANES

a) acute toxicity:

Test: LC50 - Route: Inhalation - Species: Rat > 4951 mg/m3 - Duration: 4h
Test: LD50 - Route: Oral - Species: Rat > 5000 mg/kg
Test: LD50 - Route: Skin - Species: Rabbit > 5000 mg/kg

1-METHOXY-2-PROPANOL; MONOPROPYLENE GLYCOL METHYL ETHER - CAS: 107-98-2

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 4016 mg/kg
Test: LD50 - Route: Skin - Species: Rabbit > 2000 mg/kg
Test: LC50 - Route: Inhalation - Species: Rat > 25.8 mg/l - Duration: 6h

N-BUTYL ACETATE - CAS: 123-86-4

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rabbit = 3200 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 17600 mg/kg
Test: LC50 - Route: Inhalation - Species: Rat = 390 ppm - Duration: 4h
1-METHOXY-2-PROPANOL; MONOPROPYLENE GLYCOL METHYL ETHER - CAS: 107-98-2
LD50 (RABBIT) ORAL: 8 G/KG (8000 MG/KG)

If not differently specified, the information required in Regulation 453/2010/EC listed below must be considered as N.A.:

a) acute toxicity;
b) skin corrosion/irritation;
c) serious eye damage/irritation;
d) respiratory or skin sensitisation;
e) germ cell mutagenicity;
f) carcinogenicity;
g) reproductive toxicity;
h) STOT-single exposure;
i) STOT-repeated exposure;
j) aspiration hazard.

SECTION 12: Ecological information

12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment.
1-METHOXY-2-PROPANOL; MONOPROPYLENE GLYCOL METHYL ETHER - CAS: 107-98-2
a) Aquatic acute toxicity:
Endpoint: LC50 - Species: Fish = 1000 mg/l - Duration h: 96 - Notes: Onchorynchus mykiss
Endpoint: EC50 - Species: Daphnia = 21100 mg/l - Duration h: 48 - Notes: Daphnia magna
Endpoint: EC50 - Species: Algae > 1000 mg/l - Duration h: 72 - Notes: Selenastrum capricornutum
N-BUTYL ACETATE - CAS: 123-86-4
a) Aquatic acute toxicity:
Endpoint: LC50 - Species: Fish = 17 mg/l - Duration h: 96 - Notes: Pimephales promelas
Endpoint: EC50 - Species: Daphnia = 73 mg/l - Duration h: 24 - Notes: Daphnia magna
Endpoint: EC50 - Species: Algae = 320 mg/l - Duration h: 96 - Notes: Scenedesmus subspicatus

12.2. Persistence and degradability

None
N.A.

12.3. Bioaccumulative potential

N.A.

12.4. Mobility in soil

N.A.

12.5. Results of PBT and vPvB assessment

vPvB Substances: None - PBT Substances: None

12.6. Other adverse effects

None

SECTION 13: Disposal considerations

13.1. Waste treatment methods

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.

SECTION 14: Transport information

14.1. UN number

ADR-UN number: 1993

IATA-Un number: 1993
IMDG-Un number: 1993

14.2. UN proper shipping name
ADR-Shipping Name: Flammable liquid n.o.s. (Contains Hydrocarbons, C9-11, alkanes, 1-Methoxy-2-Propanol)

14.3. Transport hazard class(es)
ADR-Class: 3 F1
ADR-Label: 3
IATA-Class: 3
IATA-Label: 3
IMDG-Class: 3

14.4. Packing group
ADR-Packing Group: III
IATA-Packing group: III
IMDG-Packing group: III

14.5. Environmental hazards
Marine pollutant: No

14.6. Special precautions for user
Rail (RID): 3
IMDG-Page: 87
IMDG-EMS: F-E, S-E
IMDG-MFAG: ed. 2000

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
N.A.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
Dir. 67/548/EEC (Classification, packaging and labelling of dangerous substances)
Dir. 99/45/EC (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/EC
Regulation (EC) n. 1907/2006 (REACH)
Regulation (EC) n. 1272/2008 (CLP)
Regulation (EC) n. 790/2009 (ATP 1 CLP)
Regulation (EU) n. 453/2010 (Annex I)
Regulation (EU) n. 286/2011 (ATP 2 CLP)
Regulation (EU) n. 618/2012 (ATP 3 CLP)

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:
None

Where applicable, refer to the following regulatory provisions :
Directive 2003/105/CE ('Activities linked to risks of serious accidents') and subsequent amendments.
Regulation (EC) nr 648/2004 (detergents).
1999/13/EC (VOC directive)

15.2. Chemical safety assessment
No

SECTION 16: Other information

Full text of phrases referred to in Section 3:
R10 Flammable.
R65 Harmful: may cause lung damage if swallowed.
R66 Repeated exposure may cause skin dryness or cracking.
R67 Vapours may cause drowsiness and dizziness.

H226 Flammable liquid and vapour.
H336 May cause drowsiness or dizziness.
H304 May be fatal if swallowed and enters airways.

This document was prepared by a competent person who has received appropriate training.

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
CCNL - Appendix 1
Insert further consulted bibliography

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.

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
CAS:	Chemical Abstracts Service (division of the American Chemical Society).
CLP:	Classification, Labeling, Packaging.
DNEL:	Derived No Effect Level.
EINECS:	European Inventory of Existing Commercial Chemical Substances.
GefStoffVO:	Ordinance on Hazardous Substances, Germany.
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
LTE:	Long-term exposure.
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STE:	Short-term exposure.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWATLV:	Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).
WGK:	German Water Hazard Class.