

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

- 1.1 Product identifier

- Trade name: **TB 1206C**

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

- Application of the substance / the preparation *Silicate sealing*

- 1.3 Details of the supplier of the safety data sheet

- Manufacturer/Supplier: **THREE BOND EUROPE S.A.S** TEL : 33 (0)1 34 32 39 60
 B.P 9105
 95073 CERGY PONTOISE FAX : 33 (0)1 34 32 39 61
 FRANCE

- Information department: *Three Bond Europe H&S department : msds@threebond.fr*
Site : http://quickfds.com
Three Bond Europe S.A.S (U.K Branch)
5 Newmarket Court, Kingston
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- 1.4 Emergency telephone number:

ORFILA (France) - Tel : +33 (0)1 45 42 59 59 (24h)
Ireland - Tel : 00 353 1 8092568 - 00 353 1 8379964 (24h/24)
EU Tel : 112

SECTION 2: Hazards identification

- 2.1 Classification of the substance or mixture

- Classification according to Regulation (EC) No 1272/2008 *The product is not classified according to the CLP regulation.*

- Classification according to Directive 67/548/EEC or Directive 1999/45/EC *not applicable*

- Information concerning particular hazards for human and environment:

Liberates methanol on exposure to humid air.
The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

- Classification system: *The classification was made according to the latest editions of the EU-lists, and expanded upon from company and literature data.*

- 2.2 Label elements

- Labelling according to EU guidelines:

The product has not been classified and marked in accordance with EU Directives / respective national laws.
Although this product is not subject to identification regulations, we recommend that the safety suggestions are observed
Observe the general safety regulations when handling chemicals

- Special labelling of certain preparations:

Liberates methanol on exposure to humid air.
Safety data sheet available for professional user on request.

- 2.3 Other hazards

- Results of PBT and vPvB assessment

- PBT: *Not applicable.*

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- vPvB: Not applicable.

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SECTION 3: Composition/information on ingredients

- 3.2 Mixtures
- Description: Mixture of the substances listed below with nonhazardous additions.

- Dangerous components: (**) Liberates methanol on exposure to humid air.

CAS: 1185-55-3 EINECS: 214-685-0	trimethoxy(methyl)silane Xn R20/22; F R11 Flam. Liq. 2, H225; Acute Tox. 4, H302; Acute Tox. 4, H332	1-2.5%
CAS: 67-56-1 EINECS: 200-659-6	methanol T R23/24/25-39/23/24/25; F R11 Flam. Liq. 2, H225; Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331; STOT SE 1, H370	0 (**)%

- Additional information For the wording of the listed risk phrases refer to section 16.

SECTION 4: First aid measures

- 4.1 Description of first aid measures
- General information No special measures required.

- After inhalation Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist. In case of unconsciousness place patient stably in side position for transportation.

- After skin contact Generally the product does not irritate the skin. If skin irritation continues, consult a doctor.

- After eye contact Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

- After swallowing Rinse out mouth and then drink plenty of water. If symptoms persist consult doctor.

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

No further relevant information available.

- 4.3 Indication of any immediate medical attention
and special treatment needed No further relevant information available.

SECTION 5: Firefighting measures

- 5.1 Extinguishing media
- Suitable extinguishing agents

 Use fire fighting measures that suit the environment. CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

- 5.2 Special hazards arising from the substance or mixture

No further relevant information available.

- 5.3 Advice for firefighters
- Protective equipment:

Mount respiratory protective device.

- Additional information

Collect contaminated fire fighting water separately. It must not enter the sewage system.

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Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
 - Keep away from ignition sources
 - Ensure adequate ventilation
 - Particular danger of slipping on leaked/spilled product.
- **6.2 Environmental precautions:**
 - Do not allow product to reach sewage system or any water course.
 - Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**
 - Absorb liquid components with liquid-binding material.
 - Ensure adequate ventilation.
- **6.4 Reference to other sections**
 - See Section 7 for information on safe handling
 - See Section 8 for information on personal protection equipment.
 - See Section 13 for disposal information.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
 - Ensure good ventilation/exhaustion at the workplace.
- **Information about protection against explosions and fires:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and receptacles:**
 - Store in a cool location.
 - Use only receptacles specifically permitted for this substance/product.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**
 - Protect from humidity and water.
- **7.3 Specific end use(s)**
 - No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.

- 8.1 Control parameters

- **Components with limit values that require monitoring at the workplace:**

67-56-1 methanol (0.1-0.5%)

WEL	Short-term value: 333 mg/m ³ , 250 ppm
	Long-term value: 266 mg/m ³ , 200 ppm
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- **Additional information:**
 - The lists that were valid during the creation were used as basis.

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- **8.2 Exposure controls**
- **Personal protective equipment**
- **General protective and hygienic measures**

The usual precautionary measures should be adhered to when handling chemicals.
Avoid contact with the eyes and skin.
Do not inhale gases / fumes / aerosols.
Wash hands before breaks and at the end of work.
- **Breathing equipment:**

Use suitable respiratory protective device in case of insufficient ventilation.
- **Protection of hands:**

Plastic gloves
Nitrile, latex
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
- **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
- **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:**

Safety glasses
- **Body protection:**

Light weight protective clothing
Protective work clothing.

SECTION 9: Physical and chemical properties

- 9.1 Information on basic physical and chemical properties

- General Information

- Appearance:

Form:	Pasty
Colour:	Black
Odour:	Alcohol-like

- Change in condition

Melting point/Melting range:	Not applicable
Boiling point/Boiling range:	Not applicable

- **Flash point:** 168°C

- **Flammability (solid, gaseous)** Not applicable.

- **Self igniting:** Product is not selfigniting.

- **Danger of explosion:** Product does not present an explosion hazard.

- **Vapour pressure:** Not determined.

- **Density:** 1.47

- Solubility in / Miscibility with

Water: Not miscible or difficult to mix

- Viscosity:

dynamic: 95000 mPas

- **9.2 Other information** No further relevant information available.

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SECTION 10: Stability and reactivity

- 10.1 Reactivity
- 10.2 Chemical stability
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- 10.3 Possibility of hazardous reactions: Reacts with humid air
- 10.4 Conditions to avoid: No further relevant information available.
- 10.5 Incompatible materials: No further relevant information available.
- 10.6 Hazardous decomposition products: gases/vapours (methanol)
Liberates methanol on exposure to humid air.

SECTION 11: Toxicological information

- 11.1 Information on toxicological effects
- Acute toxicity:

- LD/LC50 values that are relevant for classification:

67-56-1 methanol

Oral	LD50	13000 mg/kg (rat)
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- Primary irritant effect:
- on the skin: No irritant effect.
- on the eye: No irritating effect.
- Sensitization: No sensitizing effects known.
- Additional toxicological information:

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

SECTION 12: Ecological information

- 12.1 Toxicity
- Aquatic toxicity: No further relevant information available.
- 12.2 Persistence and degradability: No further relevant information available.
- 12.3 Bioaccumulative potential: No further relevant information available.
- 12.4 Mobility in soil: No further relevant information available.
- Additional ecological information:
- General notes: Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- 12.5 Results of PBT and vPvB assessment
- PBT: Not applicable.
- vPvB: Not applicable.
- 12.6 Other adverse effects: No further relevant information available.

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SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation** *Must be specially treated adhering to official regulations.
Smaller quantities can be disposed of with household waste.*
- **Uncleaned packagings:**
- **Recommendation:** *Disposal must be made according to official regulations.*
- **Recommended cleansing agent:** *Alcohol*

SECTION 14: Transport information

- | | |
|---|---|
| - 14.1 UN-Number | |
| - ADR, ADN, IMDG, IATA | <i>Void</i> |
| - 14.2 UN proper shipping name | |
| - ADR, ADN, IMDG, IATA | <i>Void</i> |
| - 14.3 Transport hazard class(es) | |
| - ADR, ADN, IMDG, IATA | |
| - Class | <i>Void</i> |
| - 14.4 Packing group | |
| - ADR, IMDG, IATA | <i>Void</i> |
| - 14.5 Environmental hazards: | |
| - Marine pollutant: | <i>No</i> |
| - 14.6 Special precautions for user | <i>Not applicable.</i> |
| - 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | <i>Not applicable.</i> |
| - Transport/Additional information: | <i>Not dangerous according to the above specifications.</i> |
| - UN "Model Regulation": | <i>-</i> |

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **National regulations**
- **Water hazard class:** *Water hazard class 1 (Self-assessment): slightly hazardous for water.*
- **15.2 Chemical safety assessment:** *A Chemical Safety Assessment has not been carried out.*

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases** *H225 Highly flammable liquid and vapour.
H301 Toxic if swallowed.
H302 Harmful if swallowed.*

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H311 Toxic in contact with skin.
H331 Toxic if inhaled.
H332 Harmful if inhaled.
H370 Causes damage to organs.

R11 Highly flammable.
R20/22 Harmful by inhalation and if swallowed.
R23/24/25 Toxic by inhalation, in contact with skin and if swallowed.
R39/23/24/25 Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.

- Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
ICAO: International Civil Aviation Organization
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent

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