

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

- **1.1 Product identifier**
- **Trade name:** **TB 1207F**
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Sector of Use** SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites
- **Product category** PC1 Adhesives, sealants
- **Application of the substance / the mixture** 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
- **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.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **Additional information:** Contains 3-aminopropyltriethoxysilane. May produce an allergic reaction.
Safety data sheet available on request.
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- **3.2 Mixtures**
- **Description:** Mixture of the substances listed below with nonhazardous additions.
- **Dangerous components:** Liberates acetone on exposure to humid air.
Quartz (SiO₂) is embedded in the product and not available as respirable dust. When used as intended or as supplied, the product will not pose hazards of Quartz.

CAS: 14808-60-7 EINECS: 238-878-4	Quartz (SiO ₂)  Carc. 2, H351; STOT RE 2, H373	50-100%
CAS: 15332-99-7 EINECS: 239-362-1	tris(isopropenoxy)vinylsilane  Flam. Liq. 3, H226	1-2.5%
CAS: 7429-90-5 EINECS: 231-072-3	aluminium powder (stabilised)  Flam. Sol. 1, H228; Water-react. 2, H261	1-2.5%

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- **SVHC** None
- **Additional information** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General information** Immediately remove any clothing soiled by the product.
- **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** Immediately wash with water and soap and rinse thoroughly.
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.
Rinse opened eye for several minutes under running water. Then consult a doctor.
- **After swallowing** Do not induce vomiting; call for medical help immediately.
Induce vomiting, only if affected person is fully conscious.
A person vomiting while lying on their back should be turned onto their side.
- **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** CO₂, extinguishing powder or water spray. Fight larger fire with alcohol resistant foam.
Use fire fighting measures that suit the environment.
- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
- **5.3 Advice for firefighters** Mount respiratory protective device.
- **Protective equipment:** Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.
- **Additional information**

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** Keep away from ignition sources
Mount respiratory protective device.
Ensure adequate ventilation
- **6.2 Environmental precautions:** Do not allow product to reach sewage system or any water course.
- **6.3 Methods and material for containment and cleaning up:** Absorb liquid components with liquid-binding material.

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- 6.4 Reference to other sections

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Dispose contaminated material as waste according to item 13.

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

Keep away from heat and direct sunlight.
Keep receptacles tightly sealed.

- 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.
Protect from heat and direct sunlight.

- 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:

(*) Quartz (SiO₂), Aluminium powder are embedded in the product and therefore no dust is present.

7429-90-5 aluminium powder (stabilised)

WEL	Long-term value: 10* 4** mg/m ³ *inhalable dust ** respirable dust
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- Additional information:

The lists that were valid during the creation were used as basis.

- 8.2 Exposure controls

- Personal protective equipment

- General protective and hygienic measures

Avoid close or long term contact with the skin.

- Breathing equipment:

Use suitable respiratory protective device in case of insufficient ventilation.

- Protection of hands:

Plastic gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

- Material of gloves

Nitrile rubber, NBR

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.

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- **Eye protection:** Safety glasses
- **Body protection:** Protective work clothing.

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SECTION 9: Physical and chemical properties

- 9.1 Information on basic physical and chemical properties

- General Information

- Appearance:

- Form: Pasty
- Colour: Silver grey
- Odour: Acetone-like

- Change in condition

- Melting point/freezing point: Not applicable
- Initial boiling point and boiling range: Not applicable

- Flash point: 25 °C (c.c)

- Flammability (solid, gaseous) Not applicable.

- Self igniting: Product is not selfigniting.

- Explosive properties: Product does not present an explosion hazard.

- Vapour pressure: Not determined.

- Density at 25 °C: 1.5 g/cm³
- Evaporation rate: Not determined.

- Solubility in / Miscibility with Water:

Not miscible or difficult to mix

- Viscosity:

- dynamic: Not determined.

- 9.2 Other information: No further relevant information available.

SECTION 10: Stability and reactivity

- 10.1 Reactivity: No further relevant information available.

- 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 (acetone)
Liberates acetone on exposure to humid air.

SECTION 11: Toxicological information

- 11.1 Information on toxicological effects

- Acute toxicity: Based on available data, the classification criteria are not met.

- Primary irritant effect:

- Skin corrosion/irritation

Based on available data, the classification criteria are not met.

- Serious eye damage/irritation

Based on available data, the classification criteria are not met.

- Respiratory or skin sensitisation

Based on available data, the classification criteria are not met.

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- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

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:** Generally not hazardous for water.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation** Must be specially treated adhering to official regulations.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agent:** Alcohol

SECTION 14: Transport information

- **14.1 UN-Number**
- **ADR, IMDG, IATA** UN1993
- **14.2 UN proper shipping name**
- **ADR** 1993 FLAMMABLE LIQUID, N.O.S. (acetone (decomposition)), special provision 640E
- **IMDG, IATA** FLAMMABLE LIQUID, N.O.S. (acetone (decomposition))
- **14.3 Transport hazard class(es)**
- **ADR**
- **Class** 3 (F1) Flammable liquids.



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- Label	3
- IMDG, IATA	
	
- Class	3 Flammable liquids.
- Label	3
- 14.4 Packing group	
- ADR, IMDG, IATA	III
- 14.5 Environmental hazards:	
- Marine pollutant:	No
- 14.6 Special precautions for user	Warning: Flammable liquids.
- Danger code (Kemler):	30
- EMS Number:	F-E, <u>S</u> -E
- 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
- Transport/Additional information:	Not dangerous according to the above specifications.
- ADR	
- Limited quantities (LQ)	5L
- Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
- Transport category	3
- Tunnel restriction code	D/E
- IMDG	
- Limited quantities (LQ)	5L
- Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
- UN "Model Regulation":	UN 1993 FLAMMABLE LIQUID, N.O.S., SPECIAL PROVISION 640E (ACETONE (DECOMPOSITION)), 3, III

SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- Directive 2012/18/EU
- Named dangerous substances - ANNEX I None of the ingredients is listed.
- National regulations
- Water hazard class: Generally not hazardous for water.

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- 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

H226 Flammable liquid and vapour.

H228 Flammable solid.

H261 In contact with water releases flammable gases.

H351 Suspected of causing cancer.

H373 May cause damage to organs through prolonged or repeated exposure.

- 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 Organisation

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 Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 3: Flammable liquids – Category 3

Flam. Sol. 1: Flammable solids – Category 1

Water-react. 2: Substances and mixtures which in contact with water emit flammable gases – Category 2

Carc. 2: Carcinogenicity – Category 2

STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

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