

Issue date 23-Mar-2015

Revision Date 18-Oct-2017

Version 4

## Section 1: PRODUCT AND COMPANY IDENTIFICATION

### Product identifier

Product name ThreeBond 1211

### Recommended use of the chemical and restrictions on use

Recommended use Adhesive, Sealant

### Details of the supplier of the safety data sheet

#### Manufacturer

ThreeBond Fine Chemical Co., Ltd.

#### Department in charge & Address

Production Engineering Division  
1-1 Oyama-cho, Midori-ku  
Sagamihara-shi, Kanagawa, Japan

### Emergency telephone number

+81-42-774-1333

## Section 2: HAZARDS IDENTIFICATION

### Classification of the substance or mixture

Acute toxicity - Dermal	Category 4
Skin sensitization	Category 1
Carcinogenicity	Category 2
Specific target organ toxicity (repeated exposure)	Category 2
Category 2 blood forming system.	

### Label elements



Signal word

Warning

### Hazard statements

H312 - Harmful in contact with skin

H317 - May cause an allergic skin reaction

H351 - Suspected of causing cancer

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

May cause damage to the following organs through prolonged or repeated exposure: blood forming system.

### Precautionary Statements - Prevention

- Obtain special instructions before use
- Do not handle until all safety precautions have been read and understood
- Use personal protective equipment as required
- Contaminated work clothing should not be allowed out of the workplace
- Wear protective gloves
- Do not breathe dust/fume/gas/mist/vapors/spray





**Suitable extinguishing media** Water spray (fog) Carbon dioxide (CO2) Extinguishing powder Alcohol resistant foam Sand

**Specific hazards arising from the chemical** May generate irritate, harmful gas.

**Special extinguishing media** Wear protection gear and extinguish from windward.

**Section 6: ACCIDENTAL RELEASE MEASURES**

**Personal precautions** Wear appropriate protection gear (Refer to Section 8) and avoid eye and skin contact.

**Environmental precautions** Keep out of waterways. Avoid release to the environment.

**Methods for containment** In case of small spill, absorb the spill in dry sand, soil or cloth and keep in closed container. In case of large spill, surround the spill by bank to prevent from leakage, and collect the spill after it is moved to safety place.

**Prevention of secondary hazards** Keep ignition source away from spill.

**Section 7: HANDLING AND STORAGE**

**Handling**

**Precautions for safe handling**

**Advice on safe handling** Take equipment measures listed in Section 8. Wear protection gear.

**Local and general ventilation** Take equipment measures listed in Section 8. Wear protection gear.

**Storage**

**Storage conditions** Close lid. Avoid direct sun light and ignition source. Keep appropriate temperature.

**Material of vessels and packaging** Keep this product in original container. Do not put it back in the container.

**Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure guidelines**

Chemical name	Japan	ISHL Working Environmental Evaluation Standards - Administrative Control Levels	ACGIH TLV
Titanium dioxide (IV)	TWA: 0.3 mg/m <sup>3</sup>	-	TWA: 10 mg/m <sup>3</sup>
Toluene	TWA: 50 ppm TWA: 188 mg/m <sup>3</sup> Skin ISHL/ACL: 20 ppm	ISHL/ACL: 20 ppm	TWA: 20 ppm

**Engineering controls** Install local ventilation or seal source of substances. Install safety shower, hand wash, and eye wash station. Clearly indicate the location.

**Personal protective equipment**

- Respiratory protection** In case of inadequate ventilation wear respiratory protection
- Hand protection** Wear appropriate protection glove (Made from non-permeable material such as polyethylene, rubber)
- Eye/face protection** Wear safety glasses with side shields (or goggles)
- Skin and body protection** Wear protection apron, protection boots. Wear long sleeve cloth.

**Other information** Wash hands thoroughly after handling. When using do not eat, drink or smoke.

**Section 9: PHYSICAL AND CHEMICAL PROPERTIES**



Toluene	Group 3
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**Reproductive toxicity** No data available as this product.  
**STOT - single exposure** No data available as this product.  
**STOT - repeated exposure** No data available as this product.  
**Aspiration hazard** No data available as this product.

**Section 12: ECOLOGICAL INFORMATION**

**Ecotoxicity**  
**Acute aquatic hazard** No data available as this product.  
**Chronic aquatic hazard** No data available as this product.

Chemical name	Algae/aquatic plants	Fish	Crustacea
Toluene	433: 96 h <i>Pseudokirchneriella subcapitata</i> mg/L EC50 12.5: 72 h <i>Pseudokirchneriella subcapitata</i> mg/L EC50 static	15.22 - 19.05: 96 h <i>Pimephales promelas</i> mg/L LC50 flow-through 12.6: 96 h <i>Pimephales promelas</i> mg/L LC50 static 5.89 - 7.81: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 flow-through 5.8: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 semi-static 11.0 - 15.0: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static 54: 96 h <i>Oryzias latipes</i> mg/L LC50 static 14.1 - 17.16: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 static 28.2: 96 h <i>Poecilia reticulata</i> mg/L LC50 semi-static 50.87 - 70.34: 96 h <i>Poecilia reticulata</i> mg/L LC50 static	11.5: 48 h <i>Daphnia magna</i> mg/L EC50 5.46 - 9.83: 48 h <i>Daphnia magna</i> mg/L EC50 Static

**Persistence and degradability** No data available as this product.  
**Bioaccumulation** No data available as this product.  
**Mobility in soil** No data available as this product.  
**Endocrine disruptor information** No data available as this product.

**Section 13: DISPOSAL CONSIDERATIONS**

**Waste from residues / unused products** Dispose of in accordance with national, state and local regulations. Consult industrial waste management companies for waste. Do not release this product to natural environment nor reclaim.  
**Contaminated packaging** Dispose containers as same as residual of this product.

**Section 14: TRANSPORT INFORMATION**



IMDG Not regulated

ICAO/IATA (air) Not regulated

ADR Not regulated

Japanese regulations

Marine Transportation Safety Act Not applicable

Civil Aeronautics Act Not applicable

### Section 15: REGULATORY INFORMATION

Fire protection law criteria Group 4 - Petroleums - 3rd Class(not Water solubility)

Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc Priority Assessment Chemical Substances (Law Article 2, Para.5)

Industrial Safety and Health Law Notifiable Substances (Law Art.57-2, Enforcement Order Art.18-2 Attached Table No.9)

### Section 16: OTHER INFORMATION

Issue date 23-Mar-2015

Other information Please contact to local sales offices for further information.

**Disclaimer**

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