

Issue date 06-Feb-2017

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Version 1

Section 1: PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Product name ThreeBond 1207B

Recommended use of the chemical and restrictions on use

Recommended use Adhesive, Sealant

Details of the supplier of the safety data sheet

Manufacturer

ThreeBond Singapore Pte.Ltd

Department in charge & Address

Australia branch
 Factory : 2/38 Jellico dve Scoresby
 3179 Melbourne Victoria Australia
 Tel : 61-3-9753-2522
 Fax : 61-3-9753-2566

Emergency telephone number

Tel : 0417-350-027 (Mr.Wesley Mallett)

Section 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture

Flammable liquids	Category 3
Reproductive Toxicity	Category 2
Specific target organ toxicity (repeated exposure)	Category 1
Category 1 lung	

Label elements



Signal word

Danger

Hazard statements

H226 - Flammable liquid and vapor
 H361 - Suspected of damaging fertility or the unborn child
 H372 - Causes damage to organs through prolonged or repeated exposure
 Causes damage to the following organs through prolonged or repeated exposure: lung.

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
- Do not breathe dust/fume/gas/mist/vapors/spray
- Wash face, hands and any exposed skin thoroughly after handling
- Do not eat, drink or smoke when using this product

Precautionary Statements - Response

- IF exposed or concerned: Get medical advice/attention

Precautionary Statements - Storage

- Store locked up

Precautionary Statements - Disposal

- Dispose of contents/container to an approved waste disposal plant

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

Single substance or mixture

Mixture

Acetone is generated during curing reaction.

Chemical name	Weight-%	ENCS	ISHL No.	CAS No.
Silicone resin	85-95	-	-	-
Carbon black	5-15	(5)-3328,(5)-5222	-	1333-86-4
Acetone	-	(2)-542	-	67-64-1

Effective June 1, 2016, regarding Japan's Industrial Safety and Health Law's "Notifiable Dangerous and Harmful", target substances will be subjected to risk assessment in accordance with Japan's Industrial Safety and Health Law's "Harmful Substances Whose Names Are to be Indicated on the Label."

Industrial Safety and Health Law

Law Name	Chemical Name in Regulation	Ordinance Number
Notifiable Substances (Law Art.57-2, Enforcement Order Art.18-2 Attached Table No.9)	Acetone	17
Notifiable Substances (Law Art.57-2, Enforcement Order Art.18-2 Attached Table No.9)	Carbon black	130

Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc

Law Name	Chemical Name in Regulation	Ordinance Number
Priority Assessment Chemical Substances (Law Article 2, Para.5)	Acetone	114

Section 4: FIRST AID MEASURES**INHALATION**

Remove to fresh air. Seek immediate medical attention/advice.

Skin contact

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. In the case of skin irritation or allergic reactions see a physician.

Eye contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing Seek immediate medical attention/advice.

INGESTION

Rinse mouth. Get medical attention.

Section 5: FIRE FIGHTING MEASURES**Suitable extinguishing media**Water spray (fog) Carbon dioxide (CO₂) Extinguishing powder Alcohol resistant foam Sand**Specific hazards arising from the chemical**

Extremely flammable

Special extinguishing media

Wear protection gear and extinguish from windward.

Section 6: ACCIDENTAL RELEASE MEASURES**Personal precautions**

Use personal protective equipment as required Remove all sources of ignition

Environmental precautions

Do not flush into surface water or sanitary sewer system

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.

Methods for cleaning up

Soak up with inert absorbent material.

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 Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity) Fire prohibited

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
Carbon black	TWA: 4 mg/m ³ TWA: 1 mg/m ³	-	TWA: 3 mg/m ³ inhalable fraction
Acetone	TWA: 200 ppm TWA: 470 mg/m ³ ISHL/ACL: 500 ppm	ISHL/ACL: 500 ppm	STEL: 750 ppm TWA: 500 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

Physical state Paste
Odor Distinct odor
Color Black

Property	Values	Remarks
pH	No data available	
Melting point/freezing point	No data available	
Boiling point / boiling range	No data available	
Flash point	45 °C	
Evaporation rate	No data available	
Flammability (solid, gas)		
Flammability limit in air		
Upper flammability limit:	No data available	

Lower flammability limit:	No data available
Specific gravity	1.02
Water solubility	Slightly soluble
Autoignition temperature	250 °C or above
Decomposition temperature	No data available
Dynamic viscosity	250 Pa·s

Section 10: STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
Possibility of hazardous reactions	React with moisture in air. Gradually release hazardous gas.
Conditions to avoid	Extreme heat
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	May generate harmful gas by incineration

Section 11: TOXICOLOGICAL INFORMATION

Acute toxicity

The following values are calculated based on chapter 3.1 of the GHS document

Inhalation LC50 No data available as this product.

Numerical measures of toxicity - Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Carbon black	> 15400 mg/kg (Rat)	> 3 g/kg (Rabbit)	-
Acetone	= 5800 mg/kg (Rat)	-	= 50100 mg/m ³ (Rat) 8 h

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation	No data available as this product.
Serious eye damage/eye irritation	No data available as this product.
Sensitization	No data available as this product.
Germ cell mutagenicity	No data available as this product.
Carcinogenicity	The table below indicates whether each agency has listed any ingredient as a carcinogen

Chemical name	Japan	IARC
Carbon black	2	Group 2B

*IARC (International Agency for Research on Cancer)
Group 2B - Possibly Carcinogenic to Humans*

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.
Target organ effects	Eyes, Lymphatic System, Respiratory system.
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
Carbon black	-	-	>5600: 24 h <i>Daphnia magna</i> mg/L EC50
Acetone	-	6210 - 8120: 96 h <i>Pimephales promelas</i> mg/L LC50 static 4.74 - 6.33: 96 h <i>Oncorhynchus mykiss</i> mL/L LC50 8300: 96 h <i>Lepomis macrochirus</i> mg/L LC50	10294 - 17704: 48 h <i>Daphnia magna</i> mg/L EC50 Static 12600 - 12700: 48 h <i>Daphnia magna</i> mg/L EC50

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

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Fire protection law criteria Designated Combustible Substances - Combustible solids

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

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

Disclaimer

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