

Issue date 16-Feb-2017

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Version 1

Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product identifier

Product name ThreeBond 7782

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.
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)

Registration Number(s) No information available

Section 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture

Flammable liquids	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2B
Skin sensitization	Category 1
Specific target organ toxicity (single exposure)	Category 3
Category 3 Respiratory irritation.	

Label elements



Signal word

Warning

Hazard statements

H227 - Combustible liquid
H315 - Causes skin irritation
H317 - May cause an allergic skin reaction
H320 - Causes eye irritation

H335 - May cause respiratory irritation

Precautionary Statements - Prevention

- Wash face, hands and any exposed skin thoroughly after handling
- Wear protective gloves/protective clothing/eye protection/face protection
- Avoid breathing dust/fume/gas/mist/vapors/spray
- Contaminated work clothing should not be allowed out of the workplace
- Use only outdoors or in a well-ventilated area
- Keep away from heat/sparks/open flames/hot surfaces. — No smoking
- Keep cool

Precautionary Statements - Response

- For first aid procedure, refer to this SDS.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- If eye irritation persists: Get medical advice/attention
- IF ON SKIN: Wash with plenty of soap and water
- Take off contaminated clothing and wash before reuse
- If skin irritation or rash occurs: Get medical advice/attention
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
- Call a POISON CENTER or doctor/physician if you feel unwell
- In case of fire: Use CO₂, dry chemical, or foam for extinction

Precautionary Statements - Storage

- Store in a well-ventilated place. Keep container tightly closed
- Store locked up

Precautionary Statements - Disposal

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

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Weight-%
Ethyl 2-cyanoacrylate	7085-85-0	90<

Section 4: FIRST AID MEASURES

Description of first aid measures

General advice	No information available
Eye contact	Repeatedly wash with water. See doctor. Do not rub eye, nor use organic solvents, remover.
Skin contact	In the case of skin irritation or allergic reactions see a physician.
Inhalation	Remove to fresh air.
Ingestion	Clean mouth with water and drink afterwards plenty of water

For emergency responders

Self-protection of the first aider No information available

Most important symptoms and effects, both acute and delayed

Symptoms No information available

Indication of any immediate medical attention and special treatment needed

Note to physicians No information available

Section 5: FIRE FIGHTING MEASURES

Flammable properties

May cause fire

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment

Unsuitable extinguishing media

No information available

Specific hazards arising from the chemical

Keep product and empty container away from heat and sources of ignition

Protective equipment and precautions for firefighters

Wear self-contained breathing apparatus and protective suit

Section 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation, especially in confined areas

Environmental precautions

Environmental precautions See Section 12 for additional ecological information

Methods and material for containment and cleaning up

Methods for containment Wear glove made from polyethylene. Wipe small amount of spill with cloth. Do not wipe large amount of spill at once. The spill could rapidly react and generate heat.

Methods for cleaning up Take up mechanically, placing in appropriate containers for disposal

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

Section 7: HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Ensure adequate ventilation, especially in confined areas

Conditions for safe storage, including any incompatibilities

Storage conditions Keep containers tightly closed in a dry, cool and well-ventilated place

Incompatible materials Water Bases

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure guidelines No information available

Chemical name	ACGIH TLV	OSHA PEL	Japan
Ethyl 2-cyanoacrylate 7085-85-0	TWA: 0.2 ppm	-	-

Appropriate engineering controls

Engineering controls Ensure adequate ventilation, especially in confined areas

Personal protective equipment

Eye/face protection	Tight sealing safety goggles
Skin and body protection	Suitable protective clothing
Hand protection	Rubber gloves
Respiratory protection	No information available

General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid
Odor	Irritating odor
Color	Clear-Transparent light yellow

<u>Property</u>	<u>Values</u>	<u>Remarks</u>
pH	No data available	
Melting point/freezing point	No data available	
Boiling point / boiling range	No data available	
Flash point	88 °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	1.05	
Water solubility	Slightly soluble	
Autoignition temperature	200 °C or above	
Decomposition temperature	No data available	
Dynamic viscosity	15 mPa·s	

Section 10: STABILITY AND REACTIVITY

Stability	Rapid polymerization could occur.
Possibility of hazardous reactions	May cause rapid polymerization reaction by heat, high humidity, or direct sun light.
Conditions to avoid	Direct sunlight, High humidity, Heat
Incompatible materials	Water. Bases.
Hazardous decomposition products	May generate harmful gas by incineration

Section 11: TOXICOLOGICAL INFORMATION

Product Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Ethyl 2-cyanoacrylate	> 5 mL/kg (Rat)	-	-

Chronic toxicity

Carcinogenicity	This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP
Irritation	No information available

Corrosivity	No information available
Sensitization	No information available
Neurological effects	No information available
Germ cell mutagenicity	No information available
Reproductive toxicity	
Developmental toxicity	No information available
Target organ effects	No information available

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity

Persistence and degradability	No information available.
Bioaccumulation	No information available.
Mobility	No information available.

Section 13: DISPOSAL CONSIDERATIONS

Waste from residues / unused products	Disposal should be in accordance with applicable regional, national and local laws and regulations
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Section 14: TRANSPORT INFORMATION

<u>IMDG</u>	Not regulated
<u>ICAO/IATA (air)</u>	
UN/ID No.	UN3334
Proper shipping name	AVIATION REGULATED LIQUID, N.O.S.
Hazard class	9
<u>ADR</u>	Not regulated

Section 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

Thailand - Hazardous Substances	Not applicable
Enhancement and Conservation of National Environmental Quality Act	Not applicable

Section 16: OTHER INFORMATION**Key literature references and sources for data**

ACGIH - Threshold Limit Values

U.S. - OSHA - Final PELs

Japan - Recommended Exposure Limits

Issue date 16-Feb-2017**Revision Date** 16-Feb-2017**Revision note** The symbol (*) in the margin of this SDS indicates that this line has been revised.**End of Safety Data Sheet**