

Safety Data Sheet

ThreeBond 1215
Revision : A3

Issued Date : 03/02/2010
Revised Date : 30/11/2015

1. CHEMICAL NAME AND COMPANY NAME

CHEMICAL PRODUCT NAME	ThreeBond 1215 Adhesive and Sealant
NAME OF MANUFACTURER	THREE BOND SINGAPOR PTE LTD AUSTRALIA BRANCH FACTORY 2/38 JELICO DVE SCORESBY 3179 MELBOURNE VICTORIA, AUSTRALIA
TELEPHONE NUMBER	61-3-9753-2522
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AFTER OFFICE HOURS CONTACT	Mr.Wesley Mallett
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2. HAZARDS IDENTIFICATION

GHS CLASSIFICATION

PHYSICAL HAZARDS

Flammable liquid Not classified

HEALTH HAZARDS

Skin sensitization Category 1B

* Not above mentioned hazardous classifications are No classified or Not classifiable.

TABLE ELEMENTS

SYMBOL



SIGNAL WORD

Warning

HAZARD STATEMENT

H317 May cause an allergic skin reaction

NOTICE

PREVENTION

Avoid breathing dust/fume/gas/mist/vapors/spray. Wear protective gloves/protective clothing/eye protection/face protection. Contaminated work clothing should not be allowed out of the workplace

RESPONSE

IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. Take off contaminated clothing and wash it before reuse.

DISPOSAL

Dispose of contents/container in accordance with local/regional/national/international regulations.

OTHER HAZARDS WHICH DO NOT RESULT IN GHS CLASSIFICATION

This product reacts with water , moisture or humid air to evolve following compounds:
Methylethylketoxime.

3. COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE / MIXTURE Mixture

CHEMICAL COMPOSITION

INGREDIENTS

	Wt%	CAS Number
Vinyloximesilane	5 - <10	-
Methylethylketoxime(Impurity)	Cracked gas	96-29-7

IMPURITIES AND STABILIZING ADDITIVES WHICH ARE THEMSELVES CLASSIFIED
AND WHICH CONTRIBUTE TO THE CLASSIFICATION OF THE SUBSTANCE No information

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4. FIRST AID MEASURES

INHALATION

Move to fresh air. Call a physician if symptoms develop or persist.

SKIN CONTACT

Remove contaminated clothing immediately and wash skin with soap and water.

For minor skin contact, avoid spreading material on unaffected skin. If skin irritation or rash occurs:
Get medical advice/attention.

Take off contaminated clothing and wash before reuse.

EYE CONTACT

Rinse immediately with plenty of water for at least 15 minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

Get medical attention immediately.

INGESTION

Rinse mouth well in water. Immediately seek medical consult and treatment.

MOST IMPORTANT SYMPTOMS/ EFFECTS, ACUTE AND DELAYED

Coughing. Dermatitis. Rash. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

Permanent eye damage including blindness could result.

May cause an allergic skin reaction.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

Water fog. Foam. Dry chemical powder. Carbon dioxide (CO₂).

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL

By heating and fire, harmful vapors/gases may be formed. Nitrogen oxides. (corrosive)

SPECIFIC FIRE FIGHTING MEASURES

Firefighters must use standard protective equipment including flame retardant coat, helmet, gloves, rubber boots, and self-contained breathing apparatus.

FIRE – FIGHTING EQUIPMENT/INSTRUCTIONS

Move containers from fire area if you can do so without risk.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Keep unnecessary personnel away.

Local authorities should be advised if significant spillages cannot be contained.

Do not touch or walk through spilled material.

Ensure adequate ventilation.

Wear appropriate personal protective equipment.

ENVIRONMENTAL PRECAUTIONS, RECOVERY/NEUTRALIZATION

Prevent further leakage or spillage if safe to do so.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

Eliminate sources of ignition.

Large Spills: Dike the spilled material, where this is possible.

Cover with plastic sheet to prevent spreading.

Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece).

Clean surface thoroughly to remove residual contamination.

Never return spills in original containers for re-use.

SECONDARY ACCIDENT PREVENTION MEASURE

All ignition sources should be quickly removed.(No smoking around, prohibit sparks of fire source)

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFETY HANDLING, USE AND STORAGE

Provide adequate ventilation. Use care in handling/storage. Wash hands thoroughly after handling.

Do not breathe mist or vapor. Do not get this material in contact with eyes. Avoid contact with skin.

Avoid prolonged exposure

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Keep container tightly closed. Keep out of the reach of children. Store in a cool, dry place out of direct sunlight. Keep in original container.

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8. EXPOSURE CONTROL / PERSONAL PROTECTION

CONTROL PARAMETERS

	Type	Value
Methylethylketoxime	STEL	10 ppm
	TWA	3 ppm

BIOLOGICAL LIMIT VALUES

No biological exposure limits noted for the ingredient(s).

EXPOSURE GUIDELINES

Occupational Exposure Limits are not relevant to the current physical form of the product.

APPROPRIATE ENGINEERING CONTROLS

Provide adequate general and local exhaust ventilation. Provide eyewash station.

Pay attention to ventilation such as local exhaust, mechanical and/or door open for at least 24 hours after application.

PERSONAL PROTECTIVE MEASURES

RESPIRATORY PROTECTION

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

HAND PROTECTION

Wear protective gloves.

EYE PROTECTION

Wear safety glasses with side shields (or goggles).

SKIN AND BODY PROTECTION

Wear suitable protective clothing.

SANITARY MEASURES

Wash hands well after handling. No eating, drinking and no smoking, when handling.

GENERAL HYGIENE CONSIDERATIONS

Do not get in eyes. Avoid contact with skin. Wash hands before breaks and immediately after handling the product. Contaminated work clothing should not be allowed out of the workplace. Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE

APPEARANCE	Paste
COLOUR	Gray
ODOR	Oxime odor
FLASHPOINT	62°C (Closed cup)
EVAPORATE RATE	< 1 (Butyl Acetate =1)
VAPOR PRESSURE	Negligible (25°C)
VAPOR DENSITY	> 1 (AIR =1)
SOLUBILITY IN WATER	Insoluble

10. PHYSICAL HAZARD (STABILITY AND REACTIVITY)

REACTIVITY

No hazardous reaction known under normal conditions of use, storage and transport.

CHEMICAL AND STABILITY

Stable at normal conditions.

POSSIBILITY OF HAZARDOUS REACTIONS

Hazardous polymerization does not occur.

CONDITION TO AVOID

Not available.

HAZARDOUS DECOMPOSITION PRODUCTS

This product reacts with water, moisture or humid air to evolve following compounds:

Methylethylketoxime. Refer to section 8 :

exposure controls/personal protection and section 11 : toxicological information.

Thermal breakdown of this product during fire or very high heat condition may evolve the following hazardous decomposition product:

Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide. Nitrogen oxides. Formaldehyde

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11. TOXICOLOGICAL INFORMATION

HEALTH HAZARDS

INGESTION

Expected to be a low ingestion hazard.

INHALATION

No adverse effects due to inhalation are expected.

SKIN CONTACT

May cause an allergic skin reaction.

SYMPTOMS RELATED TO PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS

Coughing. Dermatitis. Rash. Upper respiratory tract irritation. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. May cause an allergic skin reaction.

DALAYED AND IMMEDIATE EFFECTS, INCLUDING CHRONIC EFFECTS FROM SHORT- AND LONG TERM EXPOSURE

Not available.

NUMERICAL VALUES OF TOXICITY

Acute toxicity (Methylethylketoxime (CAS 96-29-7))

Acute, Dermal

LD50 (rabbit)

>1000mg/kg (Male and female)

Acute, Inhalation

LC50 (rat)

> 4.83 mg/l, 4 hours (Male and female)

Acute, Oral

LD50 (rat)

> 900 mg/kg (Male and female)

2326 mg/kg (Male)

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL HAZARDS

ECOLOGICAL TOXICITY

Fish : LC50 Fathead minnow (Pimephales promelas) 777 - 914 mg/l, 96 hours

MOBILITY

No data as product

13. DISPOSAL CONSIDERATIONS

METHOD OF DISPOSAL

To dispose product, solicit waste disposal management experts.

Prohibited that to dispose the waste or waste liquid containing the product in the river, etc.,

Handle in used container and cloth same as above.

14. TRANSPORT INFORMATION

INTERNATIONAL REGULATION

SEA TRANSPORTATION

Not applicable

UN number

Not applicable

AIR TRANSPORTATION

Not applicable

UN number

Not applicable

15. REGULATORY INFORMATION

Handle in accordance with applicable laws and regulations.

16. OTHER INFORMATION

Portions of the above evaluation of dangerous and harmful effects may be insufficient, please perform adequate investigation.

The content in this report is based on information which was available as of the Effective date. But ThreeBond Manufacturing (Thailand) Co.,Ltd. and its affiliates are not responsible for guaranteeing the above data and evaluations. The above data assumes usage under normal working conditions.

In case of special handling is required, please handle with suitable measures according to the application and usage.