

Safety Data Sheet

Issued Date: November 14, 2008
Revised Date: January 06, 2014

1. IDENTIFICATION

PRODUCT NAME	ThreeBond 1530C
ISSUED NUMBER	kenkyukanri 931-5
NAME OF MANUFACTURER	ThreeBond Fine Chemical Co.,Ltd.
ADDRESS	1-1 Oyama-cho, Midori-ku, Sagami-hara-shi, Kanagawa, Japan
NAME OF SECTION	R&D Administration Department, Technical Service Division, R&D Group
TEL / FAX NUMBER	81-42-703-7126/81-42-771-7391
EMERGENCY TEL NUMBER	81-42-703-7126
RECOMMENDED USE AND RESTRICTION ON USE	Adhesive and sealant

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATION

PHYSICAL HAZARDS

Flammable liquids

Not classified

*Not above mentioned hazard classification items; Not classified or Not classifiable.

3. COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE/MIXTURE

Mixture

CHEMICAL COMPOSITION

INGREDIENTS

	Wt%	Formula	CAS Number
Silyl-terminated resin	50 — 60	—	—
Silica	35 — 45	SiO ₂	—
Organic tin compound	< 5	—	—
Tris(2-Ethylhexyl) phosphate	1.7	C ₂₄ H ₅₁ O ₄ P	78-42-2
Methanol	Cracked gas	CH ₃ OH	67-56-1

IMPURITIES AND STABILIZING ADDITIVES WHICH ARE THEMSELVES CLASSIFIED

AND WHICH CONTRIBUTE TO THE CLASSIFICATION OF THE SUBSTANCE

No information

4. FIRST-AID MEASURES

IF INHALED	In case of poisoning, remove victim to fresh air, calm down, keep warm then get medical advice, attention.
IF ON SKIN	Wash with soap and water.
IF IN EYES	If skin irritation or rash occurs, get medical advice, attention. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing, then get medical advice, attention.
IF SWALLOWED	Rinse mouth. Get medical advice, attention.

5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Dry powder, alcohol-resistant foam and carbon dioxide extinguisher, dry sand, water spray

SPECIFIC HAZARDS ARISING FROM

May produce poisonous and irritated gasses upon a fire.

SPECIFIC FIRE FIGHTING MEASURES

Workers should wear appropriate protectors (glasses, cloths, mask for poisonous gasses, etc.), then extinguish should be performed up wind.

6. ACCIDENTAL RELEASE

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Wear appropriate protective equipment (refer to 8. Exposure Control/Personal Protection) to avoid contact to eyes, skin and inhalation.

ENVIRONMENTAL PRECAUTIONS

Take precaution to prevent product to flow into rivers and effect environment.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

In case of a small spill, absorb with dry sand, soil, sawdust, cloth, etc., then place in a sealable container.

In case of large spills, dike and prevent overflow. Guide to a safe place then dispose properly.

SECONDARY ACCIDENT PREVENTION MEASURE

All ignition sources should be quickly removed. (No smoking in vicinity, prohibit sparks or fire sources)

Safety Data Sheet

Issued Date: November 14, 2008
Revised Date: January 06, 2014

7. HANDLING AND STORAGE

HANDLING

ENGINEERING MEASURES

Wear protective equipment. Perform engineering measures in accordance with 「8. Exposure Control / Personal Protection」.

LOCAL VENTILATION /GENERAL VENTILATION

Perform local and general ventilation in accordance with 「8. Exposure Control/Personal Protection」.

SAFETY HANDLING PRECAUTIONS

Take precautions against fire

STORAGE

ENGINEERING MEASURES

Keep container tightly closed. Protect from direct sunlight. Store the product at moderate temperature.

Refer to the technical data, specifications, and a product label about handling range of temperature.

CONTAINER AND PACKAGING MATERIALS

Keep only in original container. Do not transfer the product to another container.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

CONTROL PARAMETERS

	ACGIH TLV	OSHA PEL
Silica	Not established	Not established
Tin compounds	0.1mg/m ³	Not established
Methanol	200 ppm	200 ppm
Tris(2-Ethylhexyl) phosphate	Not established	Not established

ENGINEERING MEASURES

If handling this product indoors, seal off sources or use a local mechanical ventilation system, etc.

Place a safety shower, hand washing sink and an eye bath near work area and clearly marked.

PERSONAL PROTECTION EQUIPMENT

RESPIRATORY PROTECTION

Wear mask to prevent organic gas poisoning, if necessary.

HAND PROTECTION

Wear appropriate protective gloves (Polyethylene, rubber, etc., solvent impervious materials).

EYE PROTECTION

Use eye protection. (preferably goggles)

SKIN AND BODY PROTECTION

Wear personal protection apron, boots, if necessary. Do not work with short sleeve shirts.

SANITARY MEASURES

Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE

APPEARANCE

Paste

COLOR

Colorless transparent

ODOR

Distinctive odor

FLASHPOINT

Non-flammable

SPECIFIC GRAVITY (DENSITY)

1.33

SOLUBILITY

Slightly soluble in water

VISCOSITY

100 Pa·s

PHYSICAL STATE as Silica

MELTING POINT/FREEZING POINT 1710 °C, 1600–1750 °C(Sublimation at 1750 °C)

BOILING POINT

2230°C

(INITIAL AND RANGE)

SPECIFIC GRAVITY (DENSITY)

2.65(20°C)

SOLUBILITY

Water: 0.2g(100ml, 3N Ammonia water, 18 °C)

Slightly soluble in water

PHYSICAL STATE as Methanol

MELTING POINT/FREEZING POINT -93.9°C

BOILING POINT

64.1°C

(INITIAL AND RANGE)

SPECIFIC GRAVITY (DENSITY)

0.79(20 °C)

SOLUBILITY

Soluble in water, Ethanol, Ether

10. STABILITY AND REACTIVITY

STABILITY

Stable under normal handling.

POSSIBLY HAZARDOUS REACTION

Reacts to air moisture, slowly generates methanol.

CONDITION TO AVOID

No data.

HAZARDOUS DECOMPOSITION

Incineration may produce poisonous gasses (Carbon monoxide, Low

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molecule organic compounds, etc.) upon condition.

11. TOXICOLOGICAL INFORMATION

HEALTH HAZARDS

ACUTE TOXICITY No data as product
SKIN CORROSION/IRRITATION No data as product

Information on GHS Hazard Communication is in accordance with Japanese Law

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL HAZARDS

HAZARDS TO THE AQUATIC ENVIRONMENT No data as product
ECOTOXICITY No data

Information on GHS Hazard Communication is in accordance with Japanese Law

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., to reclaim, to dump the product as it is.
Handle in used container and cloth same as above.

CONTAMINATED CONTAINERS AND PACKAGING

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 Three Bond 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 safety measures according to the application and usage.

The content in this report may change due to new evaluation and tests, etc.

In case there are differences in the translation, the Japanese language version takes precedence.