

SAFETY DATA SHEET



Date Prepared : 12/04/2012
SDS No : 0004-12-2012 (JPN)
Date-Revised : 04/17/2015
Revision No : 11

ThreeBond1217F

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: ThreeBond1217F
PRODUCT DESCRIPTION: Adhesive and sealant
PRODUCT CODE: ThreeBond1217F

DISTRIBUTOR

ThreeBond International, Inc.
6184 Schumacher Park Drive
West Chester, OH 45069
Emergency Phone: (513) 779-7300

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC (Domestic North America):(800) 424 - 9300
CHEMTREC (International):(703) 527 - 3887

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Skin corrosion/irritation, Category 3
Carcinogenicity, Category 2
Reproductive Toxicity, Category 1A
Specific target organ toxicity after single exposure: (Nervous system), Category 1
Specific target organ toxicity after repeated exposure: (Liver, Kidney, Nervous systems), Category 1
Eye Irritation, Category 2A

Physical:

Flammable Liquids, Category 3

GHS LABEL



Flame



Exclamation
mark



Health
hazard

SIGNAL WORD: DANGER

HAZARD STATEMENTS

H316: Causes mild skin irritation.
H351: Suspected of causing cancer (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).
H360: May damage fertility or the unborn child (state specific effect if known)(state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).
H370: Causes damage to organs (or state all organs affected, if known) (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).
H372: Causes damage to organs (state all organs affected, if known) through prolonged or repeated exposure (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).

H319: Causes serious eye irritation.

H226: Flammable liquid and vapour.

Precautionary statement(s)

Prevention:

P201: Obtain special instructions before use.

P202: Do not handle until all safety precautions have been read and understood.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P260: Do not breathe dust/fume/gas/mist/vapours/spray.

P264: Wash hands thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233: Keep container tightly closed.

P240: Ground and bond container and receiving equipment.

P241: Use explosion-proof [electrical/ventilating/lighting/...] equipment.

P242: Use non-sparking tools.

P243: Take action to prevent static discharges.

Response:

P332+P313: If skin irritation occurs: Get medical advice/attention.

P308+P313: IF exposed or concerned: Get medical advice/ attention.

P308+P311: IF exposed or concerned: Call a POISON CENTER/Doctor/Medical Professional

P321: Specific treatment (see First Aid on this label).

P314: Get medical advice/attention if you feel unwell.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P370+P378: In case of fire: Use dry sand, dry chemical, or alcohol-resistant foam to extinguish.

Storage:

P405: Store locked up.

P403+P235: Store in a well-ventilated place. Keep cool.

Disposal:

P501: Dispose of contents/container to appropriate waste facility according to local regulations

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Gray paste

IMMEDIATE CONCERNS: May cause irritation to the eyes, skin, and respiratory tract.

POTENTIAL HEALTH EFFECTS

EYES: May cause eye irritation

SKIN: May cause skin irritation

SKIN ABSORPTION: May be harmful if absorbed through the skin

INGESTION: May be harmful if swallowed; Ingestion is an unlikely route of entry in industrial uses

INHALATION: May be harmful if inhaled.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt. %	CAS
Silicone resin, Inorganic filler	65 - 75	
Silica	25 - 35	
Toluene	2.3	108-88-3
Titanium dioxide	< 2	13463-67-7

COMMENTS: Acetone (67-64-1): Cracked gas

4. FIRST AID MEASURES

EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing, then get medical advice, attention.

SKIN: If skin appears inflammation or eruption, consult physician and seek medical treatment.

INGESTION: Rinse mouth; Get medical advice, attention

INHALATION: In case of poisoning, remove victim to fresh air, calm down, keep warm then get medical advice, attention

SIGNS AND SYMPTOMS OF OVEREXPOSURE

ACUTE TOXICITY: No data as a product

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: Flammable liquid

GENERAL HAZARD: May produce poisonous and irritated gasses upon fire.

EXTINGUISHING MEDIA: Dry powder, alcohol-resistant foam and carbon dioxide extinguisher, dry sand, and water spray.

FIRE FIGHTING PROCEDURES: As in any fire, wear self-contained breathing apparatus (SCBA) pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear. Use water spray to cool fire exposed surfaces and to protect personnel.

FIRE FIGHTING EQUIPMENT: Wear self contained breathing apparatus and protective clothing.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Absorb with dry sand, soil, sawdust, cloth, etc., then place in a sealable container.

LARGE SPILL: Dike and prevent overflow. Guide to a safe place then dispose properly.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Do not allow product to flow into rivers or affect the environment

GENERAL PROCEDURES: All ignition sources should be quickly removed (No smoking in the vicinity, prohibit sparks or fire sources)

RELEASE NOTES: Keep spilled material from entering storm drains, sewers, or other environmental mediums.

SPECIAL PROTECTIVE EQUIPMENT: Wear appropriate personal protection equipment to avoid contact to eyes, skin, and inhalation.

COMMENTS: Disposal of clean-up materials may be governmentally regulated. Observe all applicable local, state, and federal waste management regulations.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Avoid contact with eyes, skin, and clothing. Use with adequate ventilation. Take precaution against fire.

HANDLING: Fire strictly prohibited. Wear appropriate personal protection equipment. Wash thoroughly after handling.

STORAGE: Protect from direct sunlight. Store the product at moderate temperature. Store in original container at room temperature.

STORAGE TEMPERATURE: 10°C (50°F) Minimum to 25°C (77°F) Maximum

COMMENTS: Containers, even those that have been emptied, will retain product residue and vapors. Always obey hazard warnings and handle empty containers as if they were full. Do not mix this product with other cleaning agents.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)					
		EXPOSURE LIMITS			
		OSHA PEL		ACGIH TLV	
Chemical Name		ppm	mg/m ³	ppm	mg/m ³
Toluene	TWA	100 ppm		50 ppm	
	STEL	150 ppm	375 mg/m ³		
Titanium dioxide	TWA	ppm (total dust)	15 T mg/m ³ (total dust)	ppm	10

ENGINEERING CONTROLS: Adequate ventilation may be necessary to control any air contaminants to within the TLV control parameters during the use of this product.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety glasses with side shields.

SKIN: Gloves (impervious).

RESPIRATORY: In case of insufficient ventilation, wear NIOSH approved respiratory equipment when exposure limits are exceeded.

PROTECTIVE CLOTHING: Wear solvent resistant or other impervious gloves

WORK HYGIENIC PRACTICES: Wash hands before eating, smoking, or using restroom. Food or beverages should not be consumed anywhere this product is handled or stored. Wash thoroughly after handling.

OTHER USE PRECAUTIONS: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Paste

ODOR: Distinctive

APPEARANCE: Paste

COLOR: Gray

FLASHPOINT AND METHOD: 44°C

SOLUBILITY IN WATER: Slightly soluble in water

SPECIFIC GRAVITY: 1.39

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal handling

CONDITIONS TO AVOID: Intensive heating

POSSIBILITY OF HAZARDOUS REACTIONS: Reacts to air moisture, slowly generating methyl ethyl ketoxime.

HAZARDOUS DECOMPOSITION PRODUCTS: Incineration may produce poisonous gases upon condition (Carbon monoxide, etc.) upon conditions

INCOMPATIBLE MATERIALS: Strong oxidizer.

11. TOXICOLOGICAL INFORMATION

ACUTE

Chemical Name	ORAL LD ₅₀ (rat)	DERMAL LD ₅₀ (rabbit)	INHALATION LC ₅₀ (rat)
Toluene	5580 rat (mg/kg)	12198 Rabbit/mg/kg	12500 to 28800 mg/m ³ (rat)
Titanium dioxide	6450 rat (mg/kg)		

NOTES: No data as a product

SKIN EFFECTS: No data as a product

CHRONIC: No data as a product

CARCINOGENICITY

Chemical Name	IARC Status
Titanium dioxide	2B

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: No data as a product

AQUATIC TOXICITY (ACUTE): No data as a product

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your licensed waste contractor for detailed recommendations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not restricted by DOT

AIR (ICAO/IATA): Not an IATA controlled material

VESSEL (IMO/IMDG): Not an IMDG controlled material.

15. REGULATORY INFORMATION

UNITED STATES

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

Chemical Name	Wt. %
Toluene	2.3

STATES WITH SPECIAL REQUIREMENTS

Chemical Name	Requirements
Toluene	This product contains a component or components listed on the Massachusetts Right to Know list of hazardous substances. This product contains a component or components listed on the Michigan Critical Materials list. This product contains a component or components listed on the New Jersey Right to Know list of hazardous chemicals. This product contains a component or components listed on the Pennsylvania Right to Know list of hazardous substances.
Titanium dioxide	This product contains a component or components listed on the Massachusetts Right to Know list of hazardous substances. This product contains a component or components listed on the Pennsylvania Right to Know list of hazardous substances.

CALIFORNIA PROPOSITION 65: WARNING: This product contains chemicals known to the state of California to cause cancer and birth defects or other reproductive harm. Silica (bound), Titanium dioxide (bound), Toluene

Chemical Name	Wt. %	Listed
Toluene	2.3	• Developmental Toxicity

16. OTHER INFORMATION

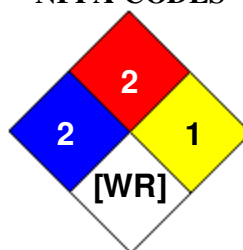
Date-Revised: 04/17/2015

REVISION SUMMARY: This MSDS replaces the 05/22/2014 MSDS.

HMIS RATING

HEALTH	*	2
FLAMMABILITY		2
PHYSICAL HAZARD		1
PERSONAL PROTECTION		B

NFPA CODES



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