



SAFETY DATA SHEET

Date Issued : 10/19/2012
SDS No : 0019-10-2012
Date-Revised : 3/21/2013
Revision No : 7

ThreeBond 1217H

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: ThreeBond 1217H
PRODUCT DESCRIPTION: Adhesive and sealant
PRODUCT CODE: ThreeBond 1217H

DISTRIBUTOR

ThreeBond International, Inc.
6184 Schumacher Park Drive
West Chester, OH 45069
Product Stewardship: (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 irritation, Category 5
Eye irritation, Category 5
Reproductive toxicity, Category 1A

GHS LABEL



Exclamation mark



Health hazard

WARNING

H316: Causes mild skin irritation
H320: Causes eye irritation

DANGER

H360: May damage fertility or the unborn child

Precautionary statement(s)

Prevention:

P270: Do not eat, drink, or smoke when using this product
P233: Keep container tightly closed
P102: Keep out of reach of children

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Gray paste

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

POTENTIAL HEALTH EFFECTS

EYES: Direct contact may cause slight irritation with redness and swelling.

SKIN: Repeated or prolonged contact with skin may cause slight irritation leading to dermatitis. Product contains oximes which are possible skin sensitizers.

SKIN ABSORPTION: May be harmful if absorbed through the skin

INGESTION: Small amounts should not cause injury. Swallowing large amounts may cause slight injury.

INHALATION: Overexposure to vapors may cause drowsiness, blood and liver injury, and may irritate eyes, nose and throat.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Direct contact may cause slight irritation with redness and swelling.

SKIN: Repeated or prolonged exposure may cause irritation.

SKIN ABSORPTION: No information available

INGESTION: Small amounts should not cause injury. Swallowing large amounts may cause slight injury.

INHALATION: May be absorbed following inhalation and cause target organ effects.

ACUTE TOXICITY: No information available

CHRONIC EFFECTS: Oximes may cause skin sensitization. Overexposure to vapors may cause drowsiness, blood and liver injury, and may irritate eyes, nose, and throat.

CARCINOGENICITY: IARC, NTP, and OSHA do not list TB1217 as a carcinogen

MUTAGENICITY: No information available

REPRODUCTIVE TOXICITY

REPRODUCTIVE EFFECTS: No information available

TERATOGENIC EFFECTS: No information available

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt. %	CAS
Silicone resin, Inorganic filler	> 90	
Silica	1 - 10	
Toluene	< 1	108-88-3
Carbon black	< 1	1333-86-4
Methyl ethyl ketoxime (MEKO), a decomposition product	0	96-29-7

COMMENTS: Cracked gas

4. FIRST AID MEASURES

EYES: Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Have eyes examined and tested by medical personnel.

SKIN: Remove from skin and immediately flush with water for at least 15 minutes. Get medical attention if irritation or ill effects develop or persist.

INGESTION: Get medical attention.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: Non Flammable (solid)

EXTINGUISHING MEDIA: Dry powder, carbon dioxide, foam, or dry sand.

HAZARDOUS COMBUSTION PRODUCTS: Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products: Carbon oxides and traces of incompletely burned carbon compounds. Metal oxides. Silicone dioxides. Formaldehyde.

EXPLOSION HAZARDS: None

FIRE FIGHTING PROCEDURES: Do not release runoff from fire control methods to sewers or waterways

FIRE FIGHTING EQUIPMENT: As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear. Then extinguish should be performed up wind.

FIRE EXPLOSION: None

SENSITIVE TO STATIC DISCHARGE: No information available

SENSITIVITY TO IMPACT: No information available

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: Extinguish all sources of ignition

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

SPECIAL PROTECTIVE EQUIPMENT: Wear appropriate personal protection equipment

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: Keep container closed when not in use. Store in a dry, cool, well-ventilated area. Store away from heat, sources of ignition, water, or moisture.

STORAGE TEMPERATURE: 5°C (41°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	
Carbon black	TWA		3.5 mg/m ³ *total dust		3.5 mg/m ³ *total dust

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: Chemical safety goggles

SKIN: Gloves (impervious).

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

PROTECTIVE CLOTHING: Wear chemically impervious clothing, gloves, boots, aprons and gauntlets to prevent prolonged or repeated skin contact. Wear protective eyeglasses or chemical safety goggles, per OSHA eye- and face-protection regulations (29 CFR 1910.133). Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.

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: Some odor
COLOR: Grayish green
SOLUBILITY IN WATER: Slight
DENSITY: None

10. STABILITY AND REACTIVITY

STABILITY: The product is stable at room temperature in closed containers under normal storage and handling conditions
POSSIBILITY OF HAZARDOUS REACTIONS: Reacts to air moisture, slowly generates methyl ethyl ketoxime.
HAZARDOUS DECOMPOSITION PRODUCTS: Incineration may produce poisonous gases upon condition (Carbon monoxide, Low molecule organic compounds, etc.) upon condition

11. TOXICOLOGICAL INFORMATION

ACUTE

Chemical Name	ORAL LD ₅₀ (rat)	INHALATION LC ₅₀ (rat)
Methyl ethyl ketoxime (MEKO), a decomposition product	4 ml/kg (rat)	> 4.8 mg/l/4Hr (rat)

NOTES: Rat, inhalation, TC50: >4 ml/l (MEKO, decomposed product)

CHRONIC: No data as a product

CARCINOGENICITY

Chemical Name	IARC Status	Other
Carbon black	2B	ACGIH: A4

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: No data as a product
ECOTOXICOLOGICAL INFORMATION: No data as a product
BIOACCUMULATION/ACCUMULATION: 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.
PRODUCT DISPOSAL: ThreeBond1217 is a non-hazardous substance per DOT and EPA
EMPTY CONTAINER: All containers should be thoroughly emptied before disposal.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)
PROPER SHIPPING NAME: Not restricted by DOT
AIR (ICAO/IATA): Not an IATA controlled material

15. REGULATORY INFORMATION

UNITED STATES
CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

Chemical Name	Wt. %
Toluene	< 1

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA REGULATORY: All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

TSCA STATUS: All ingredients are in compliance with the TSCA

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.
Carbon black	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.

REGULATIONS

STATE REGULATIONS: Warning: In accordance with Proposition 65, this product may contain a chemical(s) known to the State of California to cause cancer, birth defects, and/or other reproductive harm. The California Proposition 65 chemical(s) contained in this product are: Silica (bound), Toluene, Methyl ethyl ketoxime (MEKO)

CALIFORNIA PROPOSITION 65: This product may contain an ingredient which may be known to cause birth defects, cancer, or other reproductive harm under the statute: Silica (bound), Toluene, Methyl ethyl ketoxime (MEKO),

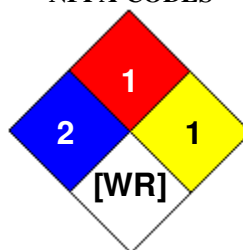
Chemical Name	Wt. %	Listed
Toluene	< 1	● Developmental Toxicity
Carbon black	< 1	Cancer

16. OTHER INFORMATION

REVISION SUMMARY: This MSDS replaces the 3/11/2013 MSDS.

HMIS RATING

HEALTH	*	2
FLAMMABILITY		1
PHYSICAL HAZARD		1
PERSONAL PROTECTION		B

NFPA CODES

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