



To Our Customers:

The attached Safety Data Sheet (SDS) was prepared by the vendor of the product you purchased through one of our divisions. We used the manufacturer's electronic document directly or scanned a paper copy and generated a file for our automated SDS delivery system.

All statements, technical information, and recommendations contained therein are solely that of the manufacturer of the product. We at Zep Inc. did not verify the accuracy and completeness of the statements and do not warrant or guarantee the information. We provide vendor SDSs to assist our customers in their compliance efforts. The attached document is in compliance with one of the respective country regulatory requirements noted below:

The OSHA Hazard Communication Standard (in the United States)  
The Hazardous Products Regulations (in Canada)

We made every effort to deliver all of the information prepared by the manufacturer. We cannot anticipate all conditions under which this information will be used. If you have any questions about the statements on the SDS, please contact the company shown on the document.

Zep Inc. assumes no liability or responsibility for loss or damage resulting from the improper use or handling of this product, from incompatible product combinations, or from the failure to follow instructions, warnings, and advisories in the manufacturer's product label and Safety Data Sheet.

Sincerely,

Product Stewardship Team  
Zep Inc.

## SAFETY DATA SHEET



Date Prepared: 12/14/2012  
 SDS No: 0014-12-2012C (JPN)  
 Date-Revised: 04/17/2015  
 Revision No: 6

## ThreeBond1217B

## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** ThreeBond1217B  
**PRODUCT DESCRIPTION:** Adhesive and sealant  
**PRODUCT CODE:** ThreeBond1217B

**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 2  
 Serious eye damage/Eye irritation, Category 2  
 Carcinogenicity, Category 2

**Physical:**

Combustible liquid, Category 4

**GHS LABEL**

Exclamation  
mark



Health  
hazard

**SIGNAL WORD: WARNING****HAZARD STATEMENTS**

H315: Causes skin irritation.  
 H319: Causes serious eye irritation.  
 H351: Suspected of causing cancer (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).  
 H227: Combustible liquid.

**Precautionary statement(s)****Prevention:**

P264: Wash hands and/or skin thoroughly after handling.  
 P280: Wear protective gloves/protective clothing/eye protection/face protection.  
 P201: Obtain special instructions before use.  
 P202: Do not handle until all safety precautions have been read and understood.  
 P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

**Response:**

P302+P352: IF ON SKIN: Wash with plenty of water.  
 P321: Specific treatment (see Response on this label).  
 P332+P313: If skin irritation occurs: Get medical advice/attention.

**ThreeBond1217B**

P362+P364: Take off contaminated clothing and wash it before reuse.

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.

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

P370+P378: In case of fire: Use foam, CO<sub>2</sub> or dry sand to extinguish.

**Storage:**

P405: Store locked up.

P403: Store in a well-ventilated place.

**Disposal:**

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

**EMERGENCY OVERVIEW**

**PHYSICAL APPEARANCE:** Red 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 | > 90  |           |
| Iron oxide                       | < 2   | 1309-37-1 |
| Silica                           | < 1   |           |

**COMMENTS:** Methyl ethyl ketoxime (MEKO #96-29-7): a decomposition product

**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:** Immediately wash skin with soap and plenty of water. Remove contaminated clothing. Get medical attention if symptoms (skin irritation or rash) occur. Get medical attention. Wash clothing before reuse.

**INGESTION:** Rinse mouth well with water. Never give an unconscious person anything to ingest. Do not induce vomiting unless directed to do so by medical personnel. Seek immediate medical 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.

**CHRONIC EFFECTS:** No data as a product.

**5. FIRE FIGHTING MEASURES**

**FLAMMABLE CLASS:** Combustible

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

**HAZARDOUS COMBUSTION PRODUCTS:** May produce poisonous and irritated gases upon a fire.

**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.

**ThreeBond1217B**

**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.

**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**

**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:** Red

**FLASHPOINT AND METHOD:** 71°C

**SOLUBILITY IN WATER:** Slightly soluble in water

**SPECIFIC GRAVITY:** 1.45 Pa·s

**VISCOSITY #1:** 150 Pa·s

**ThreeBond1217B****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**

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

**SKIN EFFECTS:** No data as a product.

**CHRONIC:** No data as a product.

**CARCINOGENICITY**

| Chemical Name | IARC Status | Other     |
|---------------|-------------|-----------|
| Iron oxide    | 3           | ACGIH: A4 |

**12. ECOLOGICAL INFORMATION**

**ECOTOXICOLOGICAL INFORMATION:** 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****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  |
|---------------|---|
| Iron oxide    | This product contains a component or components listed on the Massachusetts Right to Know list of hazardous substances.<br>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.

## ThreeBond1217B

## 16. OTHER INFORMATION

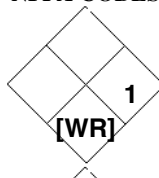
Date-Revised: 04/17/2015

REVISION SUMMARY: This MSDS replaces the 05/22/2014 MSDS. Revised: Section 2: .

## HMIS RATING

|                     |   |   |
|---------------------|---|---|
| HEALTH              | * | 2 |
| FLAMMABILITY        |   | 2 |
| PHYSICAL HAZARD     |   | 1 |
| PERSONAL PROTECTION | B |   |

## NFPA CODES



**MANUFACTURER DISCLAIMER:** To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.