Franklin International

Material Safety Data Sheet

Multibond 3200

1. Product and company identification

Address: Franklin International
2020 Bruck Street
Columbus OH 43207

Contact person: Franklin Technical Services

Telephone: (800) 877-4583

In case of emergency: Franklin Security
(614) 445-1300

Reference number: 6124

Product code: 136124000

Date of revision: 4/27/2012.

Print date: 10/30/2013.

Chemtrec (24 Hour): (800) 424 - 9300

Chemtrec International: (703) 527 - 3887

Chemical family: Adhesive.

2. Hazards identification

Emergency overview
Physical state: Liquid.
Color: Off-white.
Odor: Characteristic. [Slight]

Signal word: CAUTION!

Hazard statements: MAY CAUSE RESPIRATORY TRACT, EYE AND SKIN IRRITATION.

Precautionary measures: Avoid breathing vapor or mist. Use only with adequate ventilation. Avoid contact with eyes, skin and clothing. Keep container tightly closed. Wash thoroughly after handling.

OSHA/HCS status: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Routes of entry: Eye contact. Inhalation. Ingestion.

Potential acute health effects
Inhalation: Inhalation of oil mist or vapors at elevated temperatures may cause respiratory irritation. Moderately irritating to the respiratory system.

Ingestion: No known significant effects or critical hazards.

Skin: Slightly irritating to the skin.

Eyes: Moderately irritating to eyes.

Potential chronic health effects
Chronic effects: No known significant effects or critical hazards.

Carcinogenicity: No known significant effects or critical hazards.

Mutagenicity: No known significant effects or critical hazards.

Teratogenicity: No known significant effects or critical hazards.

Developmental effects: No known significant effects or critical hazards.

Fertility effects: No known significant effects or critical hazards.
6. Accidental release measures

Personal precautions: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see Section 8).

Environmental precautions: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Small spill: Stop leak if without risk. Move containers from spill area. Dispose of via a licensed waste disposal contractor. Absorb with an inert material.

Large spill: Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see section 1 for emergency contact information and section 13 for waste disposal.

7. Handling and storage

Handling: Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

Storage: Store between the following temperatures: 10 to 32.222°C (50 to 90°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

8. Exposure controls/personal protection

Canada

Occupational exposure limits:
No exposure limit value known.

Mexico

Occupational exposure limits:
No exposure limit value known.

Consult local authorities for acceptable exposure limits.

Recommended monitoring procedures: If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment.

Engineering measures: Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.
11. Toxicological information

**United States**

**Acute toxicity**
No known significant effects or critical hazards.

**Chronic toxicity**
No known significant effects or critical hazards.

**Irritation/Corrosion**
No known significant effects or critical hazards.

**Sensitizer**
No known significant effects or critical hazards.

**Carcinogenicity**
No known significant effects or critical hazards.

**Mutagenicity**
No known significant effects or critical hazards.

**Teratogenicity**
No known significant effects or critical hazards.

**Reproductive toxicity**
No known significant effects or critical hazards.

**Canada**

**Acute toxicity**
No known significant effects or critical hazards.

**Chronic toxicity**
No known significant effects or critical hazards.

**Irritation/Corrosion**
No known significant effects or critical hazards.

**Sensitizer**
No known significant effects or critical hazards.

**Carcinogenicity**
No known significant effects or critical hazards.

**Mutagenicity**
No known significant effects or critical hazards.

**Teratogenicity**
No known significant effects or critical hazards.

**Reproductive toxicity**
No known significant effects or critical hazards.

**Mexico**

**Acute toxicity**
No known significant effects or critical hazards.

**Chronic toxicity**
No known significant effects or critical hazards.

**Irritation/Corrosion**
No known significant effects or critical hazards.

**Sensitizer**
No known significant effects or critical hazards.

**Carcinogenicity**
No known significant effects or critical hazards.
**14. Transport information**

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<thead>
<tr>
<th>Regulatory information</th>
<th>UN number</th>
<th>Proper shipping name</th>
<th>Classes</th>
<th>PG*</th>
<th>Label</th>
<th>Additional information</th>
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</table>

PG*: Packing group

**15. Regulatory information**

United States

- **HCS Classification**: Irritating material
- **U.S. Federal regulations**: TSCA 4(a) final test rules: sodium hydroxymethanesulphinate
- **TSCA 8(a) PAIR**: methyl acetate; mequinol
- **TSCA 8(a) IUR Exempt/Partial exemption**: Not determined

United States inventory (TSCA 8b): All components are listed or exempted.
SARA 302/304/311/312 extremely hazardous substances: No products were found.
SARA 302/304 emergency planning and notification: No products were found.
SARA 302/304/311/312 hazardous chemicals: No products were found.
SARA 311/312 MSDS distribution - chemical inventory - hazard identification: No products were found.

Clean Air Act Section 112(b) Hazardous Air Pollutants (HAPs): Not listed
Clean Air Act Section 602 Class I Substances: Not listed
Clean Air Act Section 602 Class II Substances: Not listed
DEA List I Chemicals (Precursor Chemicals): Not listed
DEA List II Chemicals (Essential Chemicals): Not listed

**State regulations**

- **Massachusetts**: None of the components are listed.
- **New York**: None of the components are listed.
- **New Jersey**: None of the components are listed.
- **Pennsylvania**: None of the components are listed.

10/30/2013.
16. Other information

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Version : 2

Indicates information that has changed from previously issued version.

Notice to reader

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.