

Section 1 Identification

Product identifiers

Product names: BirchBond Pink (MPG) Dieboard Adhesive

Relevant identified uses

Water based synthetic polymer to be used quick adhesion od dieboards. For Industrial Use Only.

Details of the supplier of the safety data sheet

Freeman Manufacturing & Supply Company
1101 Moore Road, Avon, OH 44011-4043 USA
Telephone: +1 (440) 934-1902
Email: contactus@freemansupply.com

**Transport Emergency Phone Number
(CHEMTREC): 1-800-424-9300**

Section 2 Hazards Identification

Classification of the substance or mixture

Not considered Hazardous as defined by OSHA 29CFR 1910.1200

Health Risks and Symptoms of Exposure

Skin Contact: Can cause minor skin irritations, defatting and dermatitis.

Eye Contact: Moderate eye irritation, tearing and reddening, but not likely to permanently injure eye tissue.

Skin Absorption: Not a primary route of entry.

Ingestion: Not a primary route of entry.

Section 3 Composition/Information on Ingredients

No components are classified as hazardous under the OSHA Hazard Communication Standard 29CFR 1910.1200

Section 4 First Aid Measures

IF IN EYES: Flush eyes with plenty of water for at least 20 minutes retracting eyelids often. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention.

IF ON SKIN: Wash with soap and water. Get medical attention if irritation develops or persists.

IF VAPORS INHALED: This material does not present a hazard if inhaled. Remove individual to fresh air after an airborne exposure if any symptoms develop, as a precautionary measure.

IF SWALLOWED: Do not induce vomiting. Seek medical attention immediately. Drink two glasses of water or milk to dilute. Do not give anything by mouth to an unconscious person. Induce vomiting as a last measure. Induced vomiting may lead to aspiration of the material into the lungs potentially causing chemical pneumonitis that may be fatal.

Section 5 Fire-Fighting Measures

Suitable Extinguishing Media: Use water spray, foam, dry chemical or carbon dioxide.

Special Fire-Fighting Procedures: Persons exposed to products of combustion should wear self-contained breathing apparatus and full protective equipment.

Unusual Fire and Explosion Hazards: There is a possibility of pressure buildup in closed containers when heated. Water spray may be used to cool the containers.

Hazardous Decomposition Products: Carbon dioxide, Carbon monoxide

Section 6 Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

No health effects expected from the cleanup of this material if contact can be avoided.

For personal protection see Section 8.

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Environmental precautions

Keep spilled product out of sewers, watersheds, or water systems.

Methods and materials for containment and cleaning up

Dike if necessary, contain spill with inert absorbent and transfer to containers for disposal.

Section 7 Handling and Storage

Precautions for safe handling

Mildly irritating material. Avoid unnecessary exposure.

This product may contain trace amounts (<0.1%) of residual monomer. Under normal handling and use conditions the residual monomer should not present a hazard.

Conditions for safe storage, including any incompatibilities

Store at ambient temperatures in closed containers. Do not allow to freeze as product may be damaged.

Section 8 Exposure Controls/Personal Protection

Components with workplace control parameters

No exposure limits exist for the constituents of this product.

Appropriate engineering controls

No engineering controls are likely to be required to maintain operator

Personal Protective Equipment

Eye/Face Protection: Wear safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material.

Skin Protection: Avoid skin contact by wearing chemically resistant gloves.

Hand Protection: Wear nitrile gloves

Respiratory Protection: The need for respiratory protection is not anticipated under normal use conditions and with adequate ventilation. If elevated airborne concentrations are anticipated, a NIOSH-approved organic vapor respirator equipped with a dust/mist prefilter should be used.

Safety Stations

Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

General Hygienic Practices

Avoid breathing fumes. Avoid contamination of food, beverages, or smoking materials. Wash thoroughly after handling, and before eating, drinking or smoking. Remove contaminated clothing promptly and clean thoroughly before reuse.

Section 9 Physical and Chemical Properties

| | |
|---------------------------------|------------------------------|
| Appearance | Opaque pink liquid |
| Odor | Mild, sweet |
| Odor Threshold | No data available |
| pH | 4.2 - 7.5 |
| Boiling Point | Approximately 100°C (212°F) |
| Freezing/Melting Point | Approximately 0°C (32°F) |
| Flash Point | Not applicable (water-based) |
| Evaporation rate | No data available |
| Upper/lower flammability | No data available |
| Vapor Pressure | No data available |
| Vapor Density | No data available |
| Specific Gravity | 1.02 - 1.14 |

Section 9 Physical and Chemical Properties

| | |
|--------------------------------------|------------------------------|
| Weight Per Gallon (lb.) | 8.5 – 9.5 |
| Water Solubility | No data available |
| Coefficient: n-octanol/ water | No data available |
| Auto-ignition temperature | Not applicable (water-based) |
| Viscosity | No data available |
| VOC Content | < 0.1% |
| Solids (% by weight) | 30 – 65% |
| HAPS | < 0.1% |

Section 10 Stability and Reactivity

| | |
|--|---------------------------------|
| Stability: | Stable at ambient temperatures. |
| Conditions to avoid: | Avoid freezing |
| Incompatible materials: | Strong acids or bases |
| Hazardous decomposition products: | Carbon monoxide, carbon dioxide |
| Hazardous polymerization: | Will not occur |

Section 11 Toxicological Information

Toxicology Summary

This product does not contain any hazardous ingredients intentionally added in concentrations excess under OSHA Hazard Communication Standard 29CFR 1910.12000. No additional health information available.

International Agency on the Research of Cancer (IARC)

We do not intentionally add ≥0.1% of Group 1 –Carcinogenic to Humans or Group 2A –Probably Carcinogenic to Humans as listed by IARC, nor are these chemicals intentionally added in the manufacture of the raw materials used.

National Toxicology Program (NTP)

We do not intentionally add ≥0.1% of Known Human Carcinogen or Reasonably Anticipated to Be a Human Carcinogen as listed by NTP, nor are any of these chemicals intentionally added in the manufacture of raw materials used.

Occupational Safety and Health Administration (OSHA)

We do not intentionally add ≥0.1% of Regulated Toxic Metal or Carcinogens as listed by OSHA, nor are any of these chemicals intentionally added in the manufacture of raw materials used.

Section 12 Ecological Information

| | |
|---|-------------------|
| Ecotoxicity | No data available |
| Persistence and degradability | No data available |
| Bioaccumulative potential | No data available |
| Mobility in soil | No data available |
| Results of PBT & vPvB assessment | No data available |

Section 13 Disposal Considerations

To the best of our knowledge, this product does not meet the definition of hazardous waste under the U.S. EPA Hazardous Waste Regulations 40 CFR 261. Solidify and dispose of in an approved landfill. Consult state, local or provincial authorities for more restrictive requirements.

Section 14 Transport Information

DOT: Not regulated

Section 15 Regulatory Information**Inventory Status**

U.S. EPA TSCA: This product is in compliance with the Toxic Substances Control Act's Inventory requirements.

TSCA Section 12(b) - Export Notice Requirements: This product does not contain any TSCA 12 (b) regulated chemicals.

Canadian CEPA DSL: This product is in compliance with the Canadian Domestic Substance List requirements.

U.S. Regulation

CERCLA REGULATED CHEMICAL: This product does not contain any CERCLA regulated chemicals.

SARA 302 EHS CHEMICALS: This product does not contain any SARA extremely hazardous chemicals.

SARA 311/312 HAZARD CLASS: This product does not present any SARA 311/312 hazards.

SARA 313 TRI CHEMICALS: This product does not contain any SARA 313 chemicals above de minimus levels.

EPA PBTs: We do not intentionally add $\geq 0.1\%$ of any listed persistent, bioaccumulative and toxic (PBT) chemicals in the manufacturing process, nor are any intentionally added by our raw material suppliers.

Canadian Workplace Hazardous Materials Information System (WHMIS)

This product is not controlled under the Canadian WHMIS.

European Union REACH

Substances of Very High Concern: We do not intentionally add any of the known chemicals to the adhesive products listed, nor are any of these chemicals intentionally added in the manufacture of the raw materials used.

California Proposition 65

This product is not known to contain any components for which the State of California has found to cause cancer, birth defects or other reproductive harm.

USEPA TRI and PBTs

We do not intentionally add $\geq 0.1\%$ of any substances on the USEPA TRI – Complete USEPA toxic chemical list or US EPA Toxic Release Inventory Persistent, bioaccumulative and toxic (PBT) chemicals-known persistent bioaccumulative and toxic chemicals and compounds (a subset of the EPA TRI list of chemicals and compounds) in the manufacturing process, nor are any intentionally added by our raw material suppliers.

FDA Regulations

FDA – Code of Federal Regulations, Title 21 The product above may be used in compliance with the following: 21 CFR 175.105 – Adhesives --- This regulation specifies that the adhesive is either separated from food by a functional barrier, or used subject to the following additional limitations: (a) The amount of adhesive that contacts packaged dry foods shall not exceed the amounts of good manufacturing practice; (b) The quantity of adhesive that contacts packaged fatty and aqueous foods shall not exceed the trace amount at seams and at edge exposure between packaging laminates that may occur within the limits of good manufacturing practice, and under normal conditions of use the packaging seams or laminates will remain firmly bonded without visible separation.

Section 16 Other Information**Disclaimer**

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