



Section 1 Chemical Product and Company Identification

Product identifier

Product name: Superbond Adhesive

Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Adhesive

Details of the supplier of the safety data sheet

Freeman Manufacturing and Supply Company
 1101 Moore Road, Avon, OH 44011
 Telephone (440) 934-1902

HMIS	
H	0
F	1
R	0
PPE	
Sec. 8	

24 Hour emergency telephone number: CHEMTREC (800) 424-9300

Section 2 Hazard Identification

Classification of the substance or mixture

Not a hazardous substance or mixture. This product does not meet the criteria for classification according to OSHA Hazard Communication Standard (OSHA GHS).

GHS Label elements, including precautionary statements

None

Hazards not otherwise classified (HNOC) or not covered by GHS

None

Section 3 Composition/Information on Ingredients

Proprietary mixture of waxes and resins.
 No components are classified as hazardous as per 29CFR Part 1910.1200.
 No components need to be disclosed according to the applicable regulations.

Section 4 First-Aid Measures

Inhalation

If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, give artificial respiration. If symptoms continue, get medical attention.

Skin Contact

Wash with soap and water. For thermal burns, flush or submerge effected area in cold water to dissipate heat. Do not peel material from skin. Cover with clean bandage material. Get medical attention. *Note to physicians: Burns should be treated as thermal burns. The wax will come off as healing occurs; therefore, immediate removal from the skin is not necessary.*

Eye Contact

Flush eyes with water as a precaution. If wax is molten seek medical attention.

Ingestion

Material is not expected to be absorbed through the gastrointestinal tract so that induction of vomiting should not be necessary.

Section 5 Fire-Fighting Measures

Extinguishing media

Suitable: Use water fog, alcohol-resistant foam, dry chemical or carbon dioxide.
 Unsuitable: Do not use a direct stream of water.

Special hazards arising from the substance or mixture

None known

Advice for firefighters

Wear self-contained breathing apparatus for fire-fighting if necessary.
 May produce carbon dioxide and carbon monoxide during combustion.

Section 6 Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Avoid breathing dust, fumes, or vapors.
 For personal protection see section 8.

Environmental precautions

Do not let product enter drains.

Methods and materials for containment and cleaning up

Sweep up and shovel. Keep in suitable, closed containers for disposal.

Section 7 Handling and Storage

Precautions for safe handling

Use normal precautions when handling hot molten liquid solutions. Do not breathe fumes or vapor from heated material. Do not allow hot material to contact skin. Provide appropriate exhaust ventilation at places where dust is formed. Try to avoid creating dust.

Conditions for safe storage, including any incompatibilities

Store at ambient temperatures in closed containers. This material can catch fire if overheated. Do not heat this material above the flash point. Keep away from flame and open electrical coils. No chemical incompatibilities.

Section 8 Exposure Controls/Personal Protection

Components with workplace control parameters

	ACGIH STEL	NIOSH TWA
Wax Fumes	2 mg/m ³	2 mg/m ³

Appropriate engineering controls

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of mists and/or vapors below the recommended exposure limits.

Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Use a full-face shield and safety glasses if handling heated material. With product at ambient temperatures, use safety glasses equipped with side shields.

Respiratory protection

None required under normal use conditions and with adequate ventilation. If elevated airborne concentrations above applicable workplace exposure levels are anticipated, a NIOSH-approved organic vapor respirator should be used.

Section 8 Exposure Controls/Personal Protection continued

Hand protection

When handling product at elevated temperatures, use heat-resistant gloves. With product at ambient temperatures, use disposable cotton, nitrile, neoprene or butyl rubber gloves with repeated or prolonged use.

Body protection

Prevent skin contact when handling heated material. Use insulated, heat resistant clothing such as apron or slicker suit.

Safety Stations

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

General Hygienic Practices

Avoid breathing dust, fumes, or vapors. 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	Pale yellow solid
Odor	Mild
Odor Threshold	No data available
pH	No data available
Melting Point	183°F (84°C)
Initial boiling point	No data available
Evaporation rate	No data available
Flash Point (COC)	392°F (>200°C)
Flammability (solid, gas)	No data available
Upper/lower flammability	No data available
Vapor Pressure	No data available
Vapor density	No data available
Percent volatile	No data available
Relative density (g/cc)	0.930
Water Solubility	Insoluble
Coefficient: n-octanol/ water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	Solid at room temperature

Section 10 Stability and Reactivity

Reactivity: No dangerous reaction known under conditions of normal use.
Chemical stability: Stable under normal temperatures and pressures.
Possibility of hazardous reactions: Hazardous polymerization not indicated.
Conditions to avoid: Heat, sparks, open flame.
Incompatible materials: Strong oxidizing agents.
Hazardous decomposition products: Carbon monoxide and carbon dioxide.

Section 11 Toxicological Information

Information on toxicological effects

Acute toxicity	No data available
Aspiration hazard	Not relevant
Carcinogenicity	Not considered to be carcinogenic by NTP, IARC, or OSHA
Germ cell mutagenicity	Classification criteria not met
Skin corrosion/Irritation	Classification criteria not met
Skin sensitization	Classification criteria not met
STOT-RE	No data available
STOT-SE	No data available
Toxicity for Reproduction	Classification criteria not met
Respiratory sensitization	Classification criteria not met
Serious eye damage/Irritation	Classification criteria not met
Routes of entry/exposure	Inhalation, Skin, Eye, Ingestion
Chronic effect	No data available

Section 12 Ecological Information

Toxicity	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	PBT and vPvB assessment has not been carried out

Section 13 Disposal Considerations

Use safety containers for disposal. Contact a licensed contractor for detailed recommendations. Dispose of in accordance with applicable local, regional, national, and/or international regulations.

Section 14 Transport Information

DOT:	Not regulated
TDG:	Not regulated
IMO/IMDG:	Not regulated
IATA/ICAO:	Not regulated

Section 15 Regulatory Information

TSCA Inventory Status: All ingredients listed on TSCA inventory requirements

SARA Title III

Section 302 Extremely Hazardous Substances: None
 Section 311/312 Hazard Codes: No hazard categories identified
 Section 313 Toxic Chemical: No components identified

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.

WHMIS (Canada)

Controlled materials: None

Section 16 Other Information

Disclaimer

The following supersedes Buyer's documents. SELLER MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. No statements herein are to be construed as inducements to infringe any relevant patent. Under no circumstances shall Seller be liable for incidental, consequential or indirect damages for alleged negligence, breach of warranty, strict of liability arising in connection with the product(s). Buyer's sole remedy and Seller's sole liability for any claims shall be Buyer's purchase price. Data and results are based on controlled lab work and must be confirmed by Buyer by testing for its intended conditions of use. The product(s) has not been tested for, and is therefore not recommended for, uses for which prolonged contact with mucous membranes, abraded skin, or blood is intended; or for uses for which implantation within the human body is intended.