

HM832

HOT MELT PRESSURE SENSITIVE ADHESIVE

HM832 is low viscosity hotmelt adhesive designed for a variety of uses including as a joint and tightbacking adhesive and for case and carton sealing. Because of its low viscosity it wets out and adheres to many different types of surfaces.

HM832 has a medium open time so is also useful in wide variety of assembly and packaging applications. HM832 has excellent adhesion to paper, wood, metal, and many plastics. HM 832 conforms to the composition requirements of Indirect Food Additive Regulation 21 CFR 175.105

Properties:

Solids:	100%
Form:	chips
Color	Light yellow
Application Temperature:	350°F
Viscosity (typical): Brookfield RVT with Thermosel, Spindle 21	405 cps. at 350°F
Softening Temperature (mettler):	179°F

SURFACE PREPARATION

For best results, the surface to be bonded should be clean and dry. For most application no surface preparation is required, but for some applications, light surface abrasion may be helpful to increase the surface area and improve bonding. Steel wool, a wire brush, sand paper, or abrasive pads are all suitable for light abrasion of most hard surfaces. After the abrasion, the surface should be wiped clean to remove any loose material and then cleaned and degreased with an aqueous cleaner such as one of the Alconox or Liqui-nox products, naphtha, mineral spirits, methyl ethyl ketone (MEK) or other suitable means of removing oils and other contaminants. A final surface wipe with acetone or IPA may also be helpful for some plastics but allow solvents to completely evaporate before applying adhesive. Please note that different cleaning techniques may give better or worse results than others for specific surfaces and end use application. The user should determine the best technique for each specific application.

APPLICATION EQUIPMENT: typically applied by roller or extrusion. After use equipment can be cleaned with paraffin. Stubborn deposits may be dissolved with Rezi-Kleen™ HM solvent based cleaner for hot melts.

PACKAGING: HM832 Hot melt PSA is shipped in cases. Check with customer service for net weight and pallet weight information.

STORAGE AND SHELF LIFE

Product Datasheet



Shelf life is indicated on the product label but is generally at least 1 year from date of shipment. For best results, HM832 should be stored between 10°C (50°F) and 35°C (95°F). Precautions must be taken to prevent moisture from contaminating these materials after opening.

HANDLING PRECAUTIONS:

Mandatory and recommended industrial hygiene procedures should be followed whenever these products are being handled and processed. For additional information please consult the corresponding material safety data sheets.

PERSONAL HYGIENE:

WARNING: May Cause Skin or Eye Irritation and Possible Allergic reaction. Avoid breathing vapors. Avoid contact with eyes, skin, or clothing. Wear eye protection and impervious gloves when handling. Wash thoroughly after handling. Use only with adequate ventilation. Do not take internally.

FIRST AID

In case of contact:

Skin – Immediately wash skin thoroughly with mild soap and water. Remove contaminated clothing and wash before reuse. Destroy contaminated shoes and other articles made of leather.

Eyes – Immediately flush eyes with plenty of water for 15 minutes and get prompt medical attention.

Inhalation - Remove person to fresh air. Administer oxygen or artificial respiration if necessary. Call a physician.

Ingestion - Do not induce vomiting. Dilute with plenty of water and contact physician immediately. Never give anything by mouth to an unconscious person.

DISCLAIMER:

IMPORTANT: The following supersedes Buyer's documents. **SELLER / MANUFACTURER MAKES NO REPRESENTATION OR WARRANTY, EXPRESS OR IMPLIED, INCLUDING 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 / Manufacturer be liable for incidental, consequential or indirect damages for alleged negligence, breach of warranty, strict liability, tort or contract 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 presented are based on controlled or laboratory 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

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