

## HM973

### HOT MELT PRESSURE SENSITIVE ADHESIVE

HM973 is a tacky, light colored hotmelt adhesive blended from premium tackifiers, rubber block polymers, EVA resin and thermal stabilizers.

HM973 has a medium viscosity and long open time so it can be useful for securely bonding particle board in the manufacture of wood stickers especially in cold temperatures. It is also useful in wide variety of other assembly and packaging applications. HM973 has excellent adhesion to paper, wood, metal, and many plastics.

#### Properties:

Solids:	100%
Form:	"pellets"
Color	Light yellow to amber
Application Temperature:	350°F
Viscosity (typical):	6,500 cps at 350°F
Softening Temperature:	185°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.

**PACKAGING:** HM973 Hot melt PSA is shipped in boxes containing 42 lbs. net weight. Full pallet weight is 48 boxes per pallet or 2,016 lbs. per pallet. It can also be supplied in Super Sacks containing 1500 lbs. each.

#### STORAGE AND SHELF LIFE

Shelf life is indicated on the product label but is generally at least 1 year from date of shipment. For best results, HM973 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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