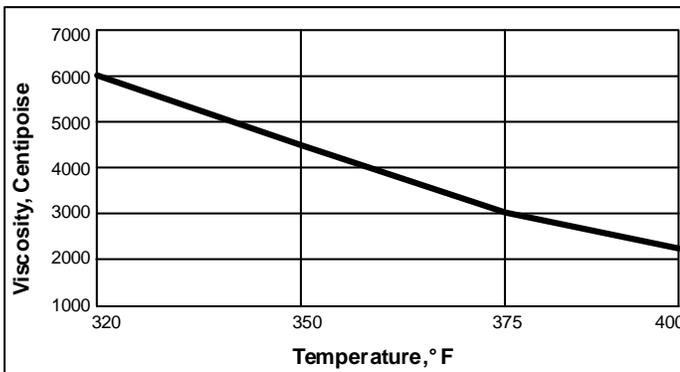


Description

Technomelt® 0450™ hot melt adhesive is a polyolefin formulated for spray application using the Hysol 175-Spray Applicator (#98037). Technomelt® 0450™ is an aggressive hot melt suitable for bonding expanded polystyrene or urethane foams, corrugated, wood, fabrics, and plastics. The adhesive is available in natural and red tinted colors.(0450 Red)

Typical Properties	Typical Value
Softening Point, °F, ASTM E 28-67	232
Viscosity @ 350°F, cP, ASTM D 3236	4500
Open Time, Sprayed, minutes	5 to 8
Heat resistance, °F, ASTM D 4498	156
Specific Gravity @ 77°F ASTM D 792	0.94
Tg, °F ASTM E 1640	-15

Viscosity Curve



GENERAL INFORMATION

This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected as a sealant for chlorine or other strong oxidizing materials.

For safe handling information on this product, consult the Material Safety Data Sheet, (MSDS).

Application

Please read the Hysol 175-Spray Applicator (#98037) Operating and Service Manual before operating the applicator. The manual is provided with each new applicator. Allow the applicator to reach operating temperature before applying the adhesive; about 10 minutes. A one inch wide spray pattern is optimum. Adjust the set screw on the applicator to increase or decrease the spray width. Technomelt® 0450™ Adhesive should be sprayed 6-9 inches above the substrate with the best bonding results achieved when the substrates are bonded immediately. Technomelt® 0450™ should be thoroughly dusted with the powder from the carton. Before using a new carton, simply roll the carton to redistribute the powder.

Storage

Store product in unopened container in a cool dry location. Ideal conditions are within the range 8 to 21 degrees C (46 to 70 degrees F) and are recommended for long term storage. Exposure to higher temperatures (greater than 28 degrees C) for prolonged periods should be avoided as extended exposure to warm conditions can adversely affect product properties. For further specific shelf life information, contact your local Technical Service Center.

Precautions

Once melted, like any hot liquid, this adhesive can produce severe burns. Care should be taken to avoid getting hot adhesive on the skin. If skin contact occurs, flush the affected area with large amounts of cold water.

Note

The information provided in this Technical Data Sheet (TDS) including the recommendations for use and application of the product are based on our knowledge and experience of the product as at the date of this TDS. The product can have a variety of different applications as well as differing application and working conditions in your environment that are beyond our control. Henkel is, therefore, not liable for the suitability of our product for the production processes and conditions in respect of which you use them, as well as the intended applications and results. We strongly recommend that you carry out your own prior trials to confirm such suitability of our product. Any liability in respect of the information in the Technical Data Sheet or any other written or oral recommendation(s) regarding the concerned product is excluded, except if otherwise explicitly agreed and except in relation to death or personal injury caused by our negligence and any liability under any applicable mandatory product liability law.

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