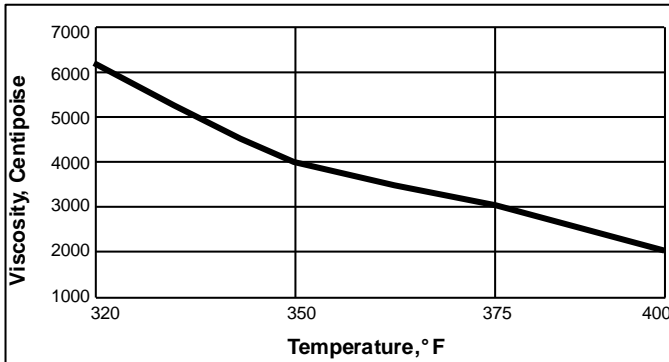


### Description

Technomelt® 0430™ hot melt adhesive is a polyolefin hot melt formulated for spray application using the Hysol 175-Spray Applicator (#98037). Technomelt® 0430™ is suitable for bonding expanded polystyrene, polyethylene or urethane foams, corrugated, wood, and plastics. Technomelt® 0430™ can be used in most applications where solvent-based aerosols are used.

Typical Properties	Typical Value
Softening Point, °F, ASTM E 28	240
Viscosity @ 350°F, cP, ASTM D 3236	4000
Open Time, Sprayed, minutes	3.5
Heat resistance, °F, ASTM D 4498	170
Specific Gravity @ 77°F ASTM D 792	0.94
Tg, °F ASTM E 1640	-15
Application Temperature, °F	350
Hardness, Shore A	75
"T" Peel, pli,	18

### Viscosity Curve



### PERFORMANCE OF CURED MATERIAL

**Shear Strength vs. Substrate, ASTM D1002, psi**  
(cured 5 days at 22°C)

	Typical Value
Grit-Blasted Steel	323
Aluminum	300
Anodized Aluminum	400
Stainless Steel	150
Galvanized	360
Zinc Dichromate	225
Polycarbonate	150
Nylon	215
G-10 Epoxy	160
LDPE	55
Wood (Pine)	315
Glass	120
Polypropylene	280

Block Shear, ASTM D4501	Typical Value
24 Hour RTC, 68°F/50%RH	
PVC	188
Valox	235
HD Polyethylene	235
Polypropylene	280
ABS	225

### 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® 0430™ should be sprayed 6-9 inches above the substrate with the best bonding results achieved when the substrates are bonded immediately. Technomelt® 0430™ 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.

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