

PUR2030

Polyurethane Reactive Hot-Melt Adhesive

DESCRIPTION

PUR2030 is a reactive hot melt moisture cure urethane adhesive used in structural applications, such as lamination of wood, wood products, metal, honeycombs structures and EPS. The low viscosity and short open time of **PUR2030** allow for quick production. **PUR2030** was formulated as a 100% solids product to replace solvent based contact adhesives to provide complete elimination of VOC.

Data contained herein are believed to be reliable. Fit-for-use testing should be conducted by each user.

CLEAN UP

For cleaning of equipment any uncured material, NMP (N-Methyl Pyrrolidinone) or DBE (Dibasic Ester) are recommended. To remove cured materials, the use of chemical stripper such as Methylene Chloride is suggested.

TYPICAL PROPERTIES (cured ___ Days at ___ ° F)	TEST METHOD	VALUE
Tensile Strength (psi):	ASTM D638	3700
Tensile Modulus (psi):		13000
Elongation (%):		800
Product:		
Specific Gravity (g/cc):	ASTM D1475	
Viscosity (cps):	ASTM D2393	2500 at 77°C
Color:		White (Solid) Amber (Liquid)

PRODUCT NOTES

PUR2030 is formulated for application at a temperature of 77°C. Cure is affected by reacting with ambient moisture in the air and in the substrates. No open time is required, lamination can be assembled once adhesive is applied to clean, dry substrates free from any grease, oil, wax or other surface contaminants. Recommended bond line is 3 to 5 mils. As with all moisture cure urethane products, the adhesive must be stored under anhydrous conditions.


PACKAGING

PUR2030 is available in 1.5 fl.oz. tubes, 10 oz cartridges, 5 gallon pails, and 50 gallon drums.

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DISPENSING EQUIPMENT

EZ Applicator	
Lightweight, Easy to Use for 1.5 oz. tube	
	
Cordless Operation:	Up to 20 minutes between heating
Precise Control:	Ball-check valve prevents dripping
Easy to Use:	Pull trigger to release, drop in cartridge, heat and glue
Heating Time:	10-15 minutes, light turns green when ready
Watts:	200 watts while heating, 12 watts in standby
Adhesive Working Temperature:	212°F - 284°F
Voltage:	120 VAC / 60 Hz
Certifications:	UL / C-UL listed

To the best of our knowledge, the information contained herein is accurate. However, STAR TECHNOLOGY, Inc., does not assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of the suitability of any material is the sole responsibility of the user. The information contained herein is considered typical properties and is not intended to be used as specifications for our products. This information is offered solely to assist purchaser in selecting the appropriate products for purchaser's own testing. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein and in the material safety data sheet, we cannot guarantee that these are the only hazards that exist. Repeated and prolonged exposure to epoxy resins can cause sensitization or other allergic responses.



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PRECAUTIONS

For industrial use only. Keep away from children.

Refer to the Material Safety Data Sheets (MSDS forms) pertaining to this product before using.

Avoid contact with skin or eyes. In the event of an eye splash or contact, immediately flush with cold water for 15 minutes and contact a physician. If skin contact occurs, wash with mild soap and water. The wearing of safety glasses with side shields and impervious gloves is recommended.

RESIN AND HARDENER WARNING STATEMENT

May cause allergic skin reaction. Avoid all contact with skin, eyes, and clothing. Wash thoroughly after handling.

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