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Cable Fill T-277-2
Two Part Urethane
Adhesive / Encapsulant

DESCRIPTION

Two part thixotropic urethane designed for use as high-strength potting and molding system for cable and connector potting. It is also used as a water blocker for underwater cable. It does not give off hydrogen nor corrode copper. Other applications include potting and encapsulation of wire devices, and strain sensitive components. T-277-2 is an excellent product for sealing framework of windows and doors, as well as expansion and control joints. T-277-2 polyurethane sealant is suitable for most building materials including masonry, concrete, wood, steel, aluminum, vinyl and most plastics. Low viscosity, T277-2LV is also available.

Typical Technical Data:

Part A: Color:		White Liquid
Specific Gravity:		0.92
Viscosity:		25,000 cps
Part B: Color:		Black Liquid
Specific Gravity:		1.05
Viscosity:		1000 cps
Mixed: Color:		Grey Liquid
Specific Gravity:		1.05
Viscosity:		10,000 cps
Mix Ratio:	By Weight:	100 A : 97 B
	By Volume:	100 A : 100B
Gel time, 100 g @ 23°C:		200 Minutes
Cure Time @ 23C		48 Hours
Cure Time @ 80C		1 Hour
Shore Hardness @23C:		30-40 A
Tg (°C)		-17

Dielectric Strength (volts/mil):	383
Handling Strength (hours):	3
Shelf Life:	12 months in unopened container

APPLICATION PROCEDURES

Carefully weigh out appropriate amounts of resin and hardener into a clean mixing container and thoroughly mix until all streaks and striations are gone. Scrape the sides and bottom frequently to ensure complete mixing.

CAUTION: Unmixed compound from the sides or bottom of the container can cause soft spots or uncured areas in the completed piece. To prevent this, transfer the entire mixed contents to a second clean container and remix for a short time before using.

PRECAUTIONS

For industrial use only. Keep away from children.

Refer to the Material Safety Data Sheet (MSDS Forms) pertaining to this product before using.

Avoid contact with skin or eyes. In the event of 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.