

STAR Technology

FORMULATING • INNOVATIVE • SOLUTIONS

UR3363

Potting Compound

DESCRIPTION

UR3363 is a two part system designed for the encapsulation of sensitive electronic components or lifting magnets. UR3363 is extremely flexible upon cure and has excellent noise reduction characteristics. Curing UR3363 with heat will accelerate the cure process. A recommended bake cycle of 4-8 hours at 80-100° C will help to speed up the cure time and will help to improve the final properties.

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

TYPICAL PROPERTIES

	<u>TEST METHOD</u>	<u>VALUE</u>
Gel Time [250 Gram Mass at 75 ° F] (minutes):	ASTM D2471	150-200
Cure Time (days):		3
Shore Hardness Shore D:	ASTM D2240	10-15
Part A:		
Specific Gravity (g/cc):	ASTM D1475	0.93
Viscosity (cps):	ASTM D2393	250
Color:		Amber
Part B:		
Specific Gravity (g/cc):	ASTM D1475	0.95
Viscosity (cps):	ASTM D2393	1800
Color:		Brown
Mix Ratio:		
By Weight:		100:20
By Volume:		100:20

APPLICATION PROCEDURES

Completely dry the part to be potted at 100-150° C and also be certain that all the insulation is fully cured. Cool the part to 40-50° C and pour the mixed UR3363 until the part is completely full. Allow to gel at room temperature or accelerate cure with heat.

PRECAUTIONS

Keep storage containers and any unused material completely sealed and free of moisture. Part A may become viscous when exposed to cold temperatures, gentle heating to 35° C will return Part A to the normal viscosity.

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.

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.