

## **UVA4109**

UV Cure Acrylic Doming Compound

## **DESCRIPTION:**

**UVA4109** is a moderately hard, high-viscosity doming compound made for use in UV cure hard doming over decals, logos and standard decoupage applications. These products will easily produce dome heads 0.03" to 0.06" above the substrate surface on most surfaces. **UVA4109** will cure under medium pressure Hg UV lamps and show no tackiness even when cured at low power. Under a 200 W/inch Hg lamp, cure can be achieved at rates of 10 linear ft. per minute.

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

TYPICAL PROPERTIES	TEST METHOD	<u>VALUE</u>
Shore A Hardness:	ASTM D2240	90
Lap Shear [CRS to CRS] (psi):	ASTM D1002	
23 ° C:		
150°C:		
Tensile Strength (psi):	ASTM D638	3000
Refractive Index:		1.4788
Elongation (%):		12
Coefficient of Thermal Expansion [CTE] (u/u/°C ):		1.1x10-4
Product:		
Specific Gravity (g/cc):	ASTM D1475	1.15
Viscosity (cps):	ASTM D2393	2000
Color:		Colorless

## **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.

## PRODUCT 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.