

POSS[®] Coat MA2310

MA2310 is a scratch resistant, clear UV coating that offers excellent scratch/abrasion/wear resistance as well as very good mechanical properties. It is typically spray-applied. MA2310 has very good adhesion to various kinds of plastic substrates such as polyurethane, epoxy, vinyl esters.

KEY PERFORMANCE

- *Fast cure under UV light*
- *Good impact resistance*
- *Oxidation/corrosion resistant*
- *Good adhesion to plastics*
- *Stain resistant and scratch/wear resistant*
- *Sprayable*
- *Non-yellowing*

PHYSICAL PROPERTIES

Composition:	POSS [®] acrylate mixture Other acrylate monomers UV initiator (amount adjustable depending on applications)
% Solid:	100%
Density (after cure):	1.2 g/ml
Hardness (shore D):	84
Viscosity:	5 poise
Appearance before hardening:	Clear pale yellow liquid
Appearance after hardening:	Clear
Shelf life:	1 year at ambient temperature in shipped container

CURE CONDITIONS

The wavelength of the curing sources should be between 250-430 nm. 80-250 watts medium pressure mercury lamps are recommended. The cure time depends on the amount of UV initiator used and the depth of the coating.

WARRANTY

The information contained herein is believed to be accurate and reliable. However, the user is responsible for determining the suitability and use of the final formulations/products. Hybrid Plastics warrants that its products will meet specifications, but not merchantability or fitness for use.

Hybrid Plastics[™] Superior Technology for Superior Products
55 W.L. Runnels Industrial Dr., Hattiesburg, MS 39401, USA
www.hybridplastics.com, 601-544-3466 voice, 601-545-3103 fax.

Rev. 02/08