

UV-100 ULTRA VIOLET ADDITIVE



Ultra Violet (UV) light from the sun, and to a lesser extent some indoor lighting, can degrade many polyurethane systems over time. Color change and surface break down are the most notable effects. BJB has developed UV-100 to slow down the degrading effects of UV light on two-component, castable polyurethane systems.

While UV-100 has shown to delay the degradation process, it is not going to stop it completely. Results will ultimately vary depending on duration and intensity of exposure as well as the base material being used. For example, our Water Clear (WC) aliphatic systems have higher natural UV resistance compared to the F-Series elastomers and would show distinct differences in color stability and surface break down over time.

APPLICATION:

UV-100 is typically added to BJB's flexible, rigid, and semi-rigid products at a loading up to 1% of the total weight of A and B combined. Exceeding 1% may affect the cured physical properties of the system and provide diminishing returns on UV resistance. UV-100 may be added as a third component to the A/B system during mixture, or it can be pre-blended with the polyol (B side in BJB polyurethanes) for large batches and/or storage.

STORAGE:

Store at ambient temperatures, 65-80°F (18-27°C). Unopened containers will have a shelf life of 12 months from date of shipment when properly stored at recommended temperatures.

PACKAGING	WEIGHT
Pint	1 lb.
Quart	2 lbs.
Gallon	8 lbs.

SAFETY PRECAUTIONS:

Use in a well-ventilated area. Avoid contact with skin using protective gloves and protective clothing. Repeated or prolonged contact on the skin may cause an allergic reaction. Eye protection is extremely important. Always use approved safety glasses or goggles when handling this product.

IF CONTACT OCCURS:

- Skin:** Immediately wash with soap and water. Remove contaminated clothing and launder before reuse. It is *not* recommended to remove resin from skin with solvents. Solvents only increase contact and dry skin. Seek qualified medical attention if allergic reactions occur.
- Eyes:** Immediately flush with water for at least 15 minutes. Call a physician.
- Ingestion:** If swallowed, call a physician immediately. Remove stomach contents by gastric suction or induce vomiting only as directed by medical personnel. Never give anything by mouth to an unconscious person.

Refer to the Material Safety Data Sheet before using this product.