



THE HANSON GROUP. LLC
GOOD PEOPLE, GREAT SCIENCE

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PolyStab™ 100

TECHNICAL DATA SHEET

1. General

A proprietary blend of UV Inhibitors, and Antioxidants specifically designed for spray polyurea coatings and polymers, to resist attack from sunlight. Ultraviolet light from the sun not only causes polymers to “darken” in color, but also accelerates the degradation of the physical properties. This is especially noted in cracking and other failure modes in polyurea coatings. PolyStab™ 100 will help protect your polymers from this attack and give them a longer useful life.

PolyStab™ 100 is formulated to be effective in both aromatic and aliphatic polyurea polymers for extending the polymer life in terms of both color stability and polymer physical properties. Aliphatic polymers are significantly better in color retention, BUT much more susceptible to polymer degradation and cracking. PolyStab™ 100 will help prevent this attack and give longer life to your polyurea polymers.

2. Typical Properties

- | | |
|--------------------|--------------|
| • Appearance | Clear Liquid |
| • Specific Gravity | 1.06 |
| • Density, lb/gal | 8.8 |
| • Flash Point | 240 F |
| • Viscosity at 60F | 100 cps |

3. Benefits

- Easy to Use, Non-Toxic Liquid
- Useful in both Aromatic and Aliphatic Polyurea and Polyurethanes
- Useful in Both Fast Setting and Slow Set Polyurea
- Extends Color Retention, especially in Aromatic Polymers
- Extends Physical Property Retention, especially in Aliphatic Polymers

4. Formulating Suggestions for Polyureas

When formulating with Polyurea use 1.5 – 1.75% in the Resin Blend

- **PolyStab™ 100** is available in 55 Gallon Drums and 5 Gallon Pails