

TSE-EZASP™ 8443

Amine-Functional Resin

Product Description

TSE-EZASP™ 8443 is a solvent-free amine functional reactive resin for use with polyisocyanates.

Application

TSE-EZASP 8443 is a low-viscosity amine functional resin for use in the development of high solid polyurethane/polyurea coatings. TSE-EZASP 8443 is mainly used blended with other reactive resins (ie. TSE-EZASP 7981) to produce high solids, solvent-free coatings to lower viscosity. It modifies the pot life slightly without sacrificing cure time, while improving impact resistance. It can additionally be used as a reactive diluent for anti-corrosion coatings.

TSE-EZASP 8443 can be mixed with other amine functional resins to produce fast-setting, high solids polyurea coatings.

As with any urethane/urea resin, TSE-EZASP 8443 should be tested for any particular application.

Product Specifications

PROPERTY	VALUE
Amine Value	190
Viscosity, cps	100
Spec. Gravity	1.06
Weight per gallon, lbs.	8.84

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Physical Properties (Reacted with a HDI trimer)

Property	VALUE
Gel Time min./sec.	75

TSE ASP 7981 / 8443	100:0	75:25	50:50
Viscosity, cps	1600	750	370
Gel Time, min:sec *	29:21	31:53	35:17
Shore D Hardness	83	83	81
Tensile Strength, psi	7200	6700	5400
Elongation, %	4	4	6

*gel time with HDI trimer

Storage

TSE-EZASP 8443 must be stored in tightly sealed containers to prevent contact with moisture. Recommended storage temperature range is 32°-140°F (0°-40°C). The shelf life of this material is six months from the date of receipt by the customer, when stored in closed original containers at 76°F (25°C).

Health and Safety Information

The MSDS has been assembled which provides information concerning the health and safety precautions that must be observed when handling TSE-EZASP 8443. Before working with these products, you must read and become familiar with the available information on their hazards, proper use and handling. This cannot be overemphasized.

Product Support:

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