

Technical Data Sheet



Product Name: Erosion Resistant Coating

Product Number: Adiprene-LW-520 / Ethacure 100

Product Description: Poly-ether based liquid coating prepared with an aliphatic diisocyanate that yields a tough flexible coating

Approvals/Specifications: MSRR 9212 / MSRR 1040

Performance: Clear Erosion Resistant coating for use as an abrasion and erosion resistant coating. Typically used as protective coating where composite components require protection from rain and sand erosion.

Components: Two component product.
Mixing Ratio: 10 parts Adiprene-LW-520 to 1 part Ethacure 100 parts by volume (100 : 9.7 parts by weight). Note pot life is temperature dependent; at elevated temperatures the pot life can be reduced to a few minutes

Application:

Surface Preparation: Ensure surfaces to be coated are clean and free from dust, dirt etc. Typically applied over MSRR 9064 epoxy primer and colour coats.

Paint Preparation: Adiprene-LW-520 is supplied as a high viscous material at room temperature. Pre-heat in a water bath to reduce viscosity for mixing and application

Application Method: Apply by spray; can be sprayed at elevated temperature or thinned as required with thinner 665-550-025 or MEK

Drying Curing: **Flash off:** 10 minutes
Full cure achieved after 16-24 hours

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Technical Properties:

Supply Viscosity:	10,000-16,000 cps @ 50°C 900-1,000 cps @ 100°C
Flash Point:	N/A
VOC Content:	0 g/litre
Colour:	Clear
Pack Size:	Adiprene 1 kg, Ethacure 500g
Specific Gravity:	Adiprene 1.03 kg/litre Ethacure 1.02 kg/litre
Gloss:	Glossy
Thinner:	665-550-025 or MEK
Solvent/Clean Up:	40006 Gun Cleaner
Catalyst:	Use as Kit
Theoretical Coverage:	10 sq m/litre @ 1000 microns

Storage:

Highly flammable liquid: store and use in accordance with the flammable liquid regulations

Shelf Life: 12 months temperate; 6 months tropical

Before use, refer to Product Safety Data Sheet

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Safety Data Sheets:

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