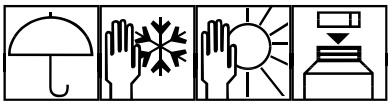
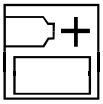
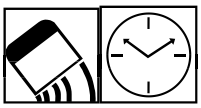
TECHNICAL DATA SHEET

Rage Ultra

101341
101232

DESCRIPTION & USE:	**Rage® Ultra** is the world's best sanding body filler. Its unparalleled sanding qualities are are result of the patent pending EcoResin™. Its non-sag formula has excellent filling properties, while eliminating the need for finishing putty. **Rage® Ultra** contains ZNX-7® and is part of the Metalworks® system.
STORAGE:	 Store in accordance with local regulations. Observe label precautions. Do not store above the following temperature: 25°C (77°F). Store in a cool, well-ventilated area away from incompatible materials and ignition sources. Keep away from: oxidising agents, strong alkalis, strong acids. No smoking. Prevent unauthorised access. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not empty into drains. Never return mixed product back into container.
PREPARATION:	Clean surface. Remove all dirt, oil grease and wax. Use p80—p180grit abrasives to remove and sand paint. Thoroughly clean surface using a suitable surface cleaner such as a solvent or waterbased panel preparation solution. Surface must be completely dry before application.
MIXING:	 *Use with Cream Hardener Only!* Place desired amount of putty on a clean, non-fibrous/non-porous mixing board Add hardener in a ratio of 100 parts EVERCOAT RAGE ULTRA to 2 parts EVERCOAT CREAM HARDENER by weight. EXAMPLE: For a 50mm diameter puddle of filler add a bead of cream hardener from the centre to the edge of the puddle. For a 100mm diameter puddle add a bead of hardener from edge to edge across the centre of the puddle. Puddles larger than 100mm in diameter will require additional hardener. Mix thoroughly until a uniform colour is achieved.
APPLICATION:	 Spread a thin layer of mixed materials over surface using firm pressure to ensure best adhesion. Apply additional layers building area slightly higher than the surface to allow for sanding.
FINISHING:	Sand and shape the body filler with P80 – P180 grit abrasive. Avoid coarse sand scratches outside of the filler area during the initial cut. Finish sand body filler with P180-grit. For best results, apply a skim coat of EVERCOAT EASY SAND™ putty over the repair. This will provide a smoother finish and reduce the number of coats of primer required for a quality finish.

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TECHNICAL SPECIFICATIONS:	Colour	Off-white paste
	Physical state	Liquid
	Flash Point Open cup:	33.6°C (89°F)
	pH	Neutral
	Relative Density	1.12
	Vapour Density	>1 [Air = 1]
	Lower explosion limit	: 1.1%
	Upper: 6.1%	: 6.1%
	Solubility	Insoluble in the following materials: cold water and hot water.
	Weight	1138 g/L average
	Pot Life	3-5 minutes
	Dry to Sand Time	15-20 minutes
	Viscosity	84,000 to 96,000 cps
	Corrosion Resistance	500 hours Harsaw salt Spray Cabinet 200 hours at 100% RH
	Water Resistance	No blistering, wrinkling or softening after 24 hours immersion
	Maximum allowable Heat	126.6°C (260°F) Surface Temperature
	Max. recommended Thickness (sanded)	6.3mm
	Contents and Caution	MSDS Available upon request
	VOC	EU limit values: 250 g/l. (2007) This product contains a maximum of 5 g/l VOC.
	Properties are typical values and should not be considered as sales specifications. Physical testing performed at approximately 25°C (77°F)/ 75% RH unless otherwise noted.	
SAFETY & HANDLING:	Read all directions and warnings prior to using Evercoat products. Material Safety Data Sheets can be found online at evercoat.com.	

Batch Identification

Evercoat products are identified with their original batch code and date of manufacturing that includes: the year, the month and the specific production batch. The batch code is located on the bottom part of the product label or underneath the bottom of the container.

Example 1: **103622**

Year – Month – batch
1 **03** **622**
2011 March Batch

Example 2: **411437**

Year – Month – batch
4 ***11*** ***437***
2014 November Batch

"Best Used By" Guidelines

The "Best Used By" date will be printed adjacent to the original batch code on the product container. Listed below, are approximate shelf life guidelines for each specific product. Evercoat quarantines one full retain sample of each batch for a period of two years. These retain samples are stored in a climate controlled environment and are available for inspection should a quality issue arise. There are several factors that may affect shelf life stability but storage climate has the greatest impact. Cool storage climate extends product shelf life where as warm storage climate decreases product shelf life.