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<b><u>Description/Nature of the product:</u></b>	Acqueous dispersion of a polymer based on polyurethane modified, ca.50%
<b><u>Characteristics:</u></b>	Adhesive for sole bonding, ideal for almost all types of materials used for soles and uppers. Bonding of leather, textile, artificial leather (PU and PVC based) and other plastic materials. Storage of plastic and textile coatings for later assembling by heat activation.
<b><u>Specifications:</u></b>	One component adhesive that contains capsulated cross linker. The activation of cross linker starts at 70°C.
<b><u>Instructions for use:</u></b>	It is necessary to use the halogenation process for rubber and TPR soles and also follow the information for the pretreatment of soles and uppers. The attaching to the upper is done by heat reactivation as usual. Heat reactivation process: After the applied adhesive is dried (the film must be transparent) the adhesive films must be heated up to 70°C, and then the sole and upper are coupled and immediately pressed. For successful cross linking, it is necessary for both adhesive films on upper and sole to reach 70°C.
<b><u>Remarks for use:</u></b>	When highest heat resistance is requested, it is possible to add Hardener. When used as a pre-coat for soles, textiles or plastic materials, the recommended storage time is up to 15 days without losing tack strength after heat reactivation. In that case, the soles are pre-coated and fully dried (storage up to 3 weeks).
<b><u>Chemical and physical characteristics:</u></b>	
Application by:	Spray gun
Quantity to be applied approx.:	Depends on how absorbing the bonded substrates are
Open time:	After the adhesive film is dried (it becomes transparent like glass) the storing time of coated materials is up to 15 days. Storing conditions: temperature must not exceed 30°C, environment free of dust, dirt and any contamination. Avoid temperatures above 40°C.
Working temperature:	Room temperature, not below 16° C.
Catalyst:	Hardener FI 1002A
Mixing ratio:	2% - 3%
Pot-life:	If used as a 2 component adhesive, it can have a pot life of 4-6 hours and an open time of 2 hours.
Dilution:	Demineralised water
Cleaning of tools:	Water. For removing dried adhesive residues, use ISA-VERDUNNER 111 or 220.
Solid content approx.	47 ± 1,00
Density approx.	ca.1,05 g/cm <sup>3</sup> at 20°C ± 0,02
Ph approx.	7 ± 1,00
Colour:	White
Viscosity approx.	700 (brookfield, spindle4, 50RPM) ± 300,00
Expiring from production (months)	7
Behaviour in cold:	Product is permanently damaged at temperatures below + 5°C
Flashpoint:	Not applicable

**Storing conditions:**

**Store the sealed cans/containers in an adequate place, recommended storage temperature is not below 5°C and not above 30°C. The ideal storing condition is at a cool place and at room temperature (23°C). Protect from direct sun light.**

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The given information we believe is correct according to the best of our knowledge and tests. The recommendations and suggestions made herein as generally it is in any written or verbal advice or testing, are made without guarantee. In every case we urge and recommend that purchasers, before using any product, make their own tests to determine, to their own satisfaction, its suitability for their particular purpose according to their own operating conditions. The suitability of a product for an intended use shall be solely up to the user. The user accepts the products "as it is" and without warranties, expressed or implied. Warranties are given only as for our conditions of sale and delivery. Nothing contained herein is to be understood as permission or recommendation to practise a patented invention without a licence, and the purchaser should determine whether relevant patents exist.

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INTERCOM SRL  
Via della Gora 13  
50025 Montespertoli - Florence - Italy  
Tel.+39 0571 671096 Fax: +39 0571 671151

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