



**NATIONAL POLYESTER PUTTY  
DECORATIVE COATINGS**

**TECHNICAL DATA SHEET**

**NATIONAL POLYESTER PUTTY**

<b>PRODUCT DESCRIPTION</b>	Two pack putty, specifically suitable for repair and filling wooden and steel surfaces. The product is based on specific grade of polyester resin; the dried film has excellent wet and dry sandability properties. Available in heavy weight and light weight types.
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<b>RECOMMENDED USES</b>	As a repair and dent filler for automobiles, and filling of wooden surfaces. Since it has good rheological properties, filled surface can be leveled uniformly. For smoothening the surface dry and wet sanding is recommended.
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**TECHNICAL DATA**

<b>TYPE</b>	Heavy weight	Light weight
<b>COLOUR, DRY FILM</b>	Grey	Grey
<b>FINISH, DRY FILM</b>	Smooth / Matt	Smooth / Matt
<b>VOLUME SOLIDS (ASTM D2697)</b>	98 ± 1%	98 ± 1%
<b>SPECIFIC GRAVITY</b>	1.75 ± 0.05	1.36 ± 0.05
<b>THEORETICAL SPREADING</b>	Depends on surface and thickness	Depends on surface and thickness
<b>RECOMMENDED DFT (DRY FILM)</b>	100 – 1000 Microns/Coat, depends on surface	100 – 1000 Microns/Coat, depends on surface
<b>RECOMMENDED WFT (WET FILM)</b>	102 – 1020 Microns/Coat, depends on surface	102 – 1020 Microns/Coat, depends on surface.
<b>FLASH POINT</b>	7°C	7°C

**DRYING TIME**

Drying time @ 30°C (Temperature, humidity, air movement, film thickness and number of coats all affect the drying time.)		
<b>WET SANDING</b>	20 – 30 minutes	20 – 30 minutes
<b>DRY SANDING</b>	50 – 60 minutes	50 – 60 minutes

**ADVANTAGES**

<b>NATIONAL POLYESTER PUTTY</b>	Faster drying, dry and wet sanding possible. Suitable for wooden and metal surface. Easy to apply even on automobile dent repairing.
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**APPLICATION INSTRUCTION**

<b>SURFACE PREPARATION</b>	Before application, the surface should be sound, clean and free from oil, grease, loose particles, dust, etc. Application can be done by the recommended application methods.
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**APPLICATION DATA**

<b>APPLICATION METHOD</b>	Glazing Knife
<b>CLEANING/THINNING</b>	National Polyester Thinner
<b>THINNER (VOLUME)</b>	Ready to use
<b>CONV. SPRAY REQUIREMENTS</b>	NA
<b>AIRLESS SPRAY REQUIREMENTS</b>	NA
<b>NOZZLE SIZE</b>	NA
<b>MIXING RATIO (BY WEIGHT)</b>	Base : Hardener : 98:2 (Mix properly before use)
<b>POT LIFE @ 30°C (100 ml)</b>	3 – 5 minutes

**SYSTEM**

<b>RECOMMENDED SYSTEM</b> To be applied on prepared surface.	National N.C. Primer Surfacer	: 1 coat
	National Polyester Putty	: 1 coat
	National N.C. Primer Surfacer	: 1 coat
	National N.C. Auto Lacquer Topcoat/Clear Coat	: 2 coats

**ADDITIONAL DATA**

<b>SHELF LIFE @ 30°C</b>	6 months, in original sealed container, with proper storage conditions.
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**HEALTH & SAFETY**

<b>SAFETY PRECAUTIONS</b>	<p>As a general rule, avoid skin and eye contact by wearing overalls, gloves, goggles, and mask etc. Spillage on skin should immediately be removed by thorough washing with water and soap or suitable cleaner. Eye should be flushed with fresh water. Avoid inhalation of vapours and paint mist by wearing suitable mask. In the event of ingestion and eye contact, seek medical attention immediately. Painting must be carried out in well-ventilated area.</p> <p>This product contains flammable materials and should be kept away from the sparks and open flames, smoking in the area should not be permitted. Local safety regulations should be followed.</p>
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**STORAGE & HANDLING**

<b>STORAGE</b>	Store the paint in proper storage conditions as per the local regulations. Keep the paint container in sealed condition under shed, away from direct sunlight and extreme temperatures. Do not stock paint material near to any ignition sources. Do not put back the half or unused material back in original container, containing the supplied paint, to avoid contamination. Handle with care. Stir well before use.
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**NOTE:** We warranty only the quality of our product and this data sheet is based on results obtained from experience and tests. We reserve the right to change data without prior notice. For surface preparation, safety details refer specifier and safety data.

This data sheet supersedes all previous issued.  
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