



# NUVA

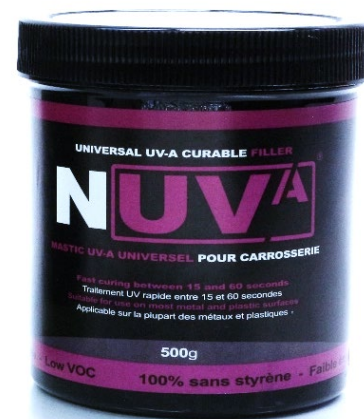
## Technical Datasheet

### NUVA UV Curable Filler Putty 500g

Reference number: 16.178.02.10

#### 1. Product Description

NUVA is a universal 1K UV curable filler putty used for automotive refinishing and is **highly recommended for dents, cracks, scratches and rust holes**. The unique properties of **NUVA UV Curable Filler Putty** allow a complete and fast curing process **in less than 60 seconds**, depending on the thickness applied. The high filling properties of NUVA guarantee a superior quality result compared to any other product.



#### 2. Product Features

- Easy application.
- Very fast curing process in less than 60 seconds.
- Suitable for use on most metal and plastic surfaces.
- Smooth, uniform and high-quality surface finish.
- Excellent flexibility.
- Easy sanding. Requires only light sanding.
- Can be sanded immediately after curing (no cooling time required).
- Less dust/powder from sanding.
- Environmentally-friendly: **100% styrene free and low volatile organic compounds (VOC)**.
- Non-flammable product.

#### 3. Applicable Materials

- Steel, aluminium, iron, galvanized and plastics.
- Original paints and old coatings.
- Fully cured repair coatings.
- New car paints.

#### 4. Surface Preparation



1. Sand the surface with P120 grit paper.
2. Remove all sanding dust with clean air.
3. Clean again the surface with a degreaser and wipe with a clean cloth.

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**SpectraPro Distribution,**  
40 St-Germain Est, Rimouski,  
Quebec Canada

Website: [www.nuvaglobal.com](http://www.nuvaglobal.com)  
Email: [info@nuvaglobal.com](mailto:info@nuvaglobal.com)  
Tel.: 418-724-4105

Materials described are for application by professional trained personnel only using proper equipment. Products may be hazardous and should be used according to label directions and technical data information. Appropriate respiratory and skin protection should be worn at all times while products are in use - read product label and Material Safety Data Sheet (SDS) for specific details. Statements and methods described are based upon the latest standard of technology known to the manufacturer. Application procedures cited are suggestions only and are not to be interpreted as warranty for events resulting from their use. User is solely responsible to ensure product use and application is in accordance with all applicable regulatory, legislative, and municipal requirements.

## 5. Application and Curing Process

**CAUTION:** Always work in a well-ventilated space and use protective equipment including UV safety goggles and gloves.



1. Mix the NUVA filler putty thoroughly in the container before application.
2. Add the desired quantity on a mixing plate.
3. Get a smooth consistency by kneading putty on the mixing plate with a spreader.
4. Apply the putty on the surface.



1. Cure the putty by using a UV curing lamp with a minimum of 7mW/cm<sup>2</sup>.

**Curing time recommendation with the SPECTRATEK InstaCure UVLED lamp:**

Thickness	Maximum curing dimensions at Curing distance in stationary position*		
	100x100mm at 50mm	150x150mm at 100mm	200x200mm at 150mm
1.5mm	15s	50s	90s

**\*No Flash OFF time required**

**The SPECTRATEK UVTEK2000, UVTEK3000 & UVTEK4000 mobile models can also cure the NUVA putty on larger surfaces with a curing time between 1 and 2 minutes.**

For a thicker layer, add 1.5mm of putty on the first cured layer.

**CAUTION:** Always close the container before starting a UV curing process. The putty consistency inside the container could be affected if exposed to UV light. Do not place back the remaining putty in the container if it has been exposed to UV light.



1. Clean the cured surface with degreaser and wipe with a clean cloth.
2. Sand with P120 to P320 grit paper.

## 6. Packaging & Storage

Use and store this product in a well-ventilated area below (35°C).

Keep container tightly closed.

Store away from direct sunlight or UV light.

Keep away from heat, hot surfaces, sparks, open flames and other ignition surfaces.

The standard storage time is minimum 1 year.

**Dispose of contents and container in accordance with governmental laws and environmental control regulations.**

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