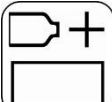



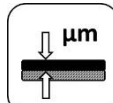
**Description**

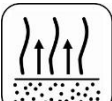
nax Pro Multifunctional Lightweight Bodyfiller is a 2 component fast drying polyester bodyfiller. Designed to fill and finish dents and surface irregularities in automotive collision repair. Variable hardener ratio to adopt application time or temperature. Provides excellent application, easy sanding an over knifing. Gives excellent adhesion to multiple substrates.

**Suitable Substrates**



Steel, galvanized steel, aluminum	OEM Electro-coat (sanded)	nax epoxy primers
Polyester laminates	Existing finishes	Plastics (except pure PP, PE)

	100 nax Pro Multifunctional Lightweight Bodyfiller
	2-3 nax Hardener For Polyester

	1 – 3 coats (without sanding between coats)		5 mm (max) after sanding
	3 – 6 min. application time at 20°C		

	<b>Between coats:</b>	<b>Before IR drying:</b>
	10 minutes at   20°C   70°F	5 minutes at   20°C   70°F

	Dry to sand	20°C (70°F)	30°C (86°F)	40°C (100°F)	Infra-Red 4+6 minutes
		20-30 min	15-20 min	10- 15 min	

	Dry sanding by block		Dry sanding by machine
	P120- P220		P120 – P220

**Re – coating**

After sanding it can be finished with a finer polyester, nax Pro bodyfiller/putty or nax Spot Filler

With all nax Pro LV and Premilla primers, fillers and surfacers

**VOC**

**2004/42/IIIB(b)(250)90**

- ▶ The EU limit value for this product (product category: IIB.b) in ready to use form is max 250 g/liter
- ▶ The VOC content of this product in ready to use form is maximum 90

**Use suitable respiratory protection**

Nippon Paint Automotive Refinishes recommends the use of fresh air supply respirator.

For detailed information read entire TDS

**Description**

nax Pro Multifunctional Lightweight Bodyfiller is a 2 component fast drying polyester bodyfiller. Designed to fill and finish dents and surface irregularities in automotive collision repair. Variable hardener ratio to adopt application time or temperature. Provides excellent application, easy sanding and overknifing. Gives excellent adhesion to multiple substrates.

**Suitable Substrates**

Steel, galvanized steel, aluminum Polyester laminates	OEM Electro-coat (sanded) Existing finish	nax epoxy primers Plastic (except pure PP, PE)
--	--	---

**Product and Additives**

<b>Product</b>	nax Pro Multifunction Lightweight Bodyfiller	unsaturated polyester resin
<b>Hardener</b>	nax Hardener for Polyester	peroxide

**Initial surface preparation**



- ▶ Prior to any surface preparation, degrease the repair area using nax Pro LV100 Universal Degreaser.
- ▶ Use clean quality rags or wiping towels, one for wetting and one for drying the surface.
- ▶ Apply sufficient degreaser to keep the surface wet.
- ▶ Wipe degreaser off before it can evaporate.



- ▶ Remove of existing finish till bare substrate P120
- ▶ Feather edge before polyester body filler / putty application P220

- ▶ In case of single large repair area initial sanding prior to P120 can be performed with P80



- ▶ Prior to polyester bodyfiller application degrease the area using nax solvent borne degreaser.
- ▶ Use clean quality rags or wiping towels, one for wetting and one for drying the surface.
- ▶ Apply sufficient degreaser to keep the surface wet and wipe degreaser off before it can evaporate

**Notes:** Respect 100 grit maximum jump in dry sanding steps.

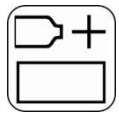
**Mixing**



- ▶ **Product Mix**  
For best performance mix up newly opened can and keep lid closed after use



- ▶ **Mix By Weight**  
Adding to low or to high amount of hardener will negatively affect product performance



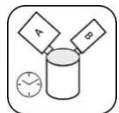
**Mixing ratio**

100  
2-3

**Product**

nax Pro Multifunctional Lightweight Bodyfiller  
nax Hardener for Polyester

**Pot Life**



	20°C(70°F)	30°C(86°F)	40°C(100°F)
▶ 2%	5-6 min.	4-6 min.	3-4 min.
▶ 3%	3-4 min.	3-4 min.	2-3 min.

**Application**



Maximum number of applied coats	1-3
Maximum DFT after sanding	5mm
Apply as smooth as possible and scrape away the edges	

**Notes:** Only apply polyester bodyfiller/putty over properly sanded and degreased bare metal. Repair system requiring the highest quality and corrosion protection bodyfiller/putty should be applied on epoxy primer. Polyester bodyfiller/putty must not be applied over acid containing primer (etch primer)

**Drying time**



	20°C(70°F)	30°C(86°F)	40°C(100°F)	60°C(140°F)	Infra Red
▶ Dry to sand	20-30 min	15-20 min	10-15 min	10 min	4+6 min

**Final Sanding**



- ▶ Initial block (dry) sanding of polyester bodyfiller/putty P120
- ▶ Final block (dry) sanding of polyester bodyfiller/putty P220



- ▶ Final machine (dry) sanding of polyester bodyfiller/putty P220
- ▶ Feather edge and final sanding step before spraying primer/surfacer P320
- ▶ Additional sanding step for spot repairs and soft coatings P400



- ▶ Prior to primer surfacer application degrease the area using nax solvent borne degreaser.
- ▶ Use clean quality rags or wiping towels, one for wetting and one for drying the surface.
- ▶ Apply sufficient degreaser to keep the surface wet and wipe degreaser off before it can evaporate

**Notes:** Respect 100 grit maximum jump in dry sanding steps.  
 Use guide coat between sanding steps.  
**Do not wet-sand polyester bodyfiller/putty or use waterborne cleaner as it is very porous and will absorb and retain water.**

**Re-coating**



After sanding it can be finished with a finer polyester nax Pro bodyfiller/putty or nax Spot Filler  
 With all nax Pro LV and Premilla primers, fillers and surfacers

**Equipment cleaning**

Solvent borne gun cleaners or nitrocellulose thinners

**Solvent Content**



**2004/42/IIB(b)(250)90**

The EU limit value for this product (product category: IIB.b) in ready to use form is max	250	g/liter
The VOC content of this product in ready to use form is maximum	90	g/liter

**Shelflife**



nax Pro Multifunctional Lightweight Bodyfiller  
 nax Hardener for Polyester

Minimum storage temperature:	5°C (41°F)	Maximum storage temperature:	35°C (95°F)
------------------------------	------------	------------------------------	-------------

**Notes:** Avoid extreme temperature fluctuation.

OAR.02.011. 300517

Professional Use Only

**Brand names and Logos mentioned in this data sheet are trademarks of or are licensed to NIPPON PAINT.**

This product is for professional use only and not for sale to or use by the general public. Before using, read and follow all label and SDS precautions. The information in this data sheet is not intended to be exhaustive and is based on the present state of our knowledge and on current laws. Any person using the product without first making further inquiries as to the suitability of the product for the intended purpose does so at his own risk and we can accept no liability for the performance of the product or for any loss or damage (other than death or personal injury resulting from our negligence) arising out of such use. In view of the many factors that may affect processing and application of our products, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, or as a warranty, nor the suitability of the products for a specific purpose. Standard drying times quoted are average times at 20°C/68°F. Film thickness, humidity and shop temperature can all affect drying times. Any descriptions, drawings, photographs, data, proportions, weights etc. given herein are for general information purpose only. In the light of experience and our policy of continuous product development, they may change without prior information and do not constitute the agreed contractual quality of the products (product specification).

It is always the responsibility of the recipient of our products to ensure that any proprietary rights, existing laws, legislation are observed and to take all necessary steps to fulfill the demands set out in the local rules and legislation. **THE LATEST VERSION OF TDS SUPERSEDES ALL PREVIOUS VERSIONS.**

Page 4 of 4

BROUGHT TO YOU BY

AUTOMOTIVE  
COATINGS