



Polyester PLASTIC METAL

Technical Data Sheet

Reviewed: 06.06.2015



DESCRIPTION

PLASTIC METAL is high quality two component polyester putty suitable for filling large imperfections and gaps with one coat application. It gives exceptional adhesion, easy application and sanding. It dries fast, without cracking even in thick layers. It is resistant to water, petrol, alkalic solutions and acids

ADVANTAGES

- Excellent bonding strength
- Perfect finish
- Easy sanding
- Does not shrink
- Excellent resistance to ageing
- Excellent resistance to water
- Excellent resistance to solvents, alkalis, and acids
- Excellent temperature resistance
- Interior and exterior use

APPLICATIONS

- Ideal for repairs on metallic, wooden, plastic, stone, marble surfaces.
- Automobile, boat, wagon and house repairs

INSTRUCTIONS FOR USE

1. Surfaces must be dry and clean from dust, grease and rust.
2. Mix putty with 2-3% hardener
3. The putty is ready for use. The putty remains workable for 3-6 minutes. Drying time is 5-10 minutes.
4. Finished surfaces may be sanded after 20-30 min using sandpaper No 80-120.
5. Carefully remove any excess material with a sharp knife before completely set.

It is advisable to perform a suitability test for each application.

REMARKS

- Do not exceed the mixing ratio of 3% especially at high temperatures since this will accelerate curing.
- Place the caps correctly after use and close tight.

CLEANING

Remove as much material as possible from tools before cleaning. Clean all equipment immediately after use with acetone or nitro solvent. Cured material can only be removed with mechanical means.

CONSUMPTION

1-2 m² /kg

TECHNICAL CHARACTERISTICS

Base: Polyester

Consistency: Thixotropic paste

Colour: Off white

Smell: Characteristic of polyester

Application method: knife, spatula

Thinning: none

Specific gravity: 1800-2200 kg/m³ 25°C

Viscosity: 250000-300000 mpa.s 25°C

Mixing ratio: with 2-3% n.w. hardener

Open time: approx. 3-6 min (18°C – 25°C)

Curing: approx. 20-30 min (18°C – 25°C)

Application temperature: +10°C - +30°C

VOC (Volatile Organic Compounds) CONTENT: (Directive 2004/42/CE) EU maximum VOC content limit values for this product (category B/b: "Body filler / stopper"): 250 gr/lt(2010). This product contains maximum 245 gr/lt VOCs (ready for use product).

STORAGE

In a cool and dry place at temperatures between +5°C - +25°C away from sources of ignition. Avoid direct sunlight.

SHELF LIFE

At least 1 year in unopened packaging in the above mentioned storage conditions

PACKAGING

Tins 250gr, 400gr, 800gr

PACKAGING	CODE	BARCODE
250gr	07100	5204094071006
400gr	07105	5204094071051
800gr	07139	5204094071099

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HEALTH AND SAFETY INFORMATION



Acute Tox. 4: H332 - Harmful if inhaled **Eye Irrit. 2: H319** - Causes serious eye irritation **Flam. Liq. 3: H226** - Flammable liquid and vapour **Repr. 2: H361** - Suspected of damaging fertility or the unborn child **Skin Irrit. 2: H315** - Causes skin irritation **STOT RE 1: H372** - Causes damage to organs through prolonged or repeated exposure **P101**: If medical advice is needed, have product container or label at hand **P102**: Keep out of reach of children **P103**: Read label before use **P280**: Wear protective gloves/protective clothing/eye protection/face protection **P303+P361+P353**: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower **P304+P340**: IF INHALED: Remove person to fresh air and keep comfortable for breathing **P305+P351+P338**: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing **P501**: Dispose of the contents/containers in accordance with the current legislation on waste treatment
Substances that contribute to the classification: Styrene Monomer (CAS: 100-42-5); 2-methoxy-1-methylethyl acetate (CAS: 108-65-6)

The directives contained in this technical data sheet are the result of our long experience from real life applications and the research testing of our research and development laboratory and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications, which are beyond our control, we cannot accept any responsibility for the results obtained. In every case it is recommended to carry out preliminary experiments. We are liable only for our products for being free from faults and of consistent quality. Users are responsible for complying with local legislation and for obtaining any required approvals or authorizations. The present edition of this technical datasheet automatically cancels any previous ones concerning the same product.



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