

TECHNICAL DATA SHEET

P-26

POLYESTER FILLER SYSTEM MICRO-LIGHT / METAL FILLER

DESCRIPTION

P-26 MICRO-LIGHT metal filler is a system which incorporates the new materials available to satisfy requirements for a metal filling set-fast filler system. The low density of the filler paste allows for easier sanding and finishing. P-26 exhibits easy mixing (color change hardener), low sag on vertical surfaces, good curing characteristics and excellent adhesion to metal and FRP surfaces. It can be finished to a featheredge and accepts virtually all finishes without special surface preparation. Once applied it can be finished within 10 – 15 minutes after set. **Typical applications include: foundry applications for filling and smoothing porosity, grinding marks, mold marks and surface defects, and any composite structures which require cosmetic surface filling of pinholes, gouges or voids.**

PROPERTIES

- Lighter in weight
- Quick setting
- Bonds well to metal and FRP
- Excellent finishing and machinability
- Excellent adhesion
- Accepts all finishes without surface prep.

PHYSICAL PROPERTIES

Composition	POLYESTER P-26	BPO HARDENER BPO	MIXED
Mix ratio by weight	100	2	
Mix ratio by volume at 25 °C			
Aspect	Paste	Paste	Paste
Color	Biege	White	Beige
NOTE - Mixed color can be varied with Cream BPO color Choice (White, Black, Red)			
Viscosity at 25 °C	(cPs)	BROOKFIELD LVT	Non-sag paste
Specific gravity at 25 °C	lbs./gal (g/cc)	ASTM D792	10.73 (1.29)
Pot Life at 25 °C (100 g)	(minutes)	ASTM D2471	4-6

MECHANICAL PROPERTIES at 23 °C ⁽¹⁾

Hardness (Shore D)	ASTM D-2240	60
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(1) Average values obtained on standard specimens / Cured 7 days at 25°C

PROCESSING

PROCESSING CONDITIONS

- Thoroughly blend 100 parts resin with 2 parts hardener by weight for 1 to 1 ½ minutes in clean dry container or on a clean dry surface.
- Carefully scrape the surfaces while blending to ensure complete mixing and uniformity.

SURFACE PREPARATION and APPLICATION

- The area to be filled or repaired should be thoroughly cleaned, roughened, cleaned again and dried to allow for the best possible adhesion.
- The mixed P-26 should be buttered into the area, avoiding trapping air during application.
- After curing to a tack-free state, the material can be sanded and finished as needed.

MIXING INSTRUCTIONS

Stir contents of can thoroughly using a spatula or putty knife. Place the required amount of filler and cream hardener on a disposable clean surface. Set up time of mix at room temperature will be 6-10 minutes. After 10-20 minutes the filler may be filed or sanded to final finish.

HANDLING PRECAUTIONS

Normal health and safety precautions should be observed when handling these products :

- Ensure good ventilation.
- Wear gloves, glasses and protective clothes.

For further information, please consult the Safety Data Sheets.

STORAGE CONDITIONS

- Product shelf life of polyester resin is 12 months when stored in original unopened containers between 65 – 77°F (15 – 25°C). Any opened can must be tightly closed. Product shelf life of BPO hardener is 18 months when stored in original unopened containers between 65 – 77°F (15 – 25°C). Any opened can must be tightly closed.
- Polyester resin contains filler which has the potential to separate in time, please re-homogenize prior to use.

PACKAGING

Packaging information on request, please contact your local sales representative or find your local contact on www.sikaadvancedresins.us

LEGAL NOTICE

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

CONTACT – ADVANCED RESINS

GERMANY

Stuttgarter Straße 139
72574 Bad Urach – GERMANY
Tel.: (+49) 7 125 940 492
Fax.: (+49) 7 125 940 401
E-mail: tooling@de.sika.com
Website: www.sikaadvancedresins.de

FRANCE

ZI des Béthunes - 15, Rue de l'Equerre
95310 Saint-Ouen-l'Aumône
CS 40444
95005 CERGY PONTOISE Cedex – FRANCE
Tel.: (+33) 1 344 034 60
Fax: (+33) 1 342 197 87
E-mail: advanced.resins@fr.sika.com
Website: www.sikaadvancedresins.fr

SPAIN

Polígono Industrial Congost - Guardaagullas, 8
08520 LES FRANQUESES DEL VALLES – SPAIN
Tel.: (+34) 932 25 16 20
E-mail: spain@axson.com
Website: www.sikaadvancedresins.es

ITALY

Via Morandi 15
21047 Saronno (Va) – ITALY
Tel.: (+39) 02 9670 2336
Fax: (+39) 02 9670 2369
E-mail: axson@axson.it
Website: www.sikaadvancedresins.it

UNITED KINGDOM

Unit 15 Studlands Park Ind. Estate
Newmarket Suffolk, CB8 7AU – UNITED KINGDOM
Tel.: (+44) 1638 660 062
Fax: (+44) 1638 665 078
E-mail: sales.uk@axson.com
Website: www.sikaadvancedresins.uk

SLOVAKIA

Tovarenska 49
95301 ZLATE MORAVCE – SLOVAKIA
Tel.: (+421) 376 422 526
Fax: (+421) 376 422 527
E-mail: axson.sk@axson.com
Web site: www.sikaadvancedresins.sk

UNITED STATES

30800 Stephenson Highway
Madison Heights, Michigan 48071 – USA
Tel.: (+1) 248 588-2270
Fax: (+1) 248 577-0810
E-mail: axsonmh@axson.com
Web site: www.sikaadvancedresins.us

MEXICO

Ignacio Ramírez #20
Despacho 202 Col. Tabacalera
C.P. 06030 CDMX – MEXICO
Tel.: (+52) 55 5264 4922
Fax: (+52) 55 5264 4916
E-mail: marketing@axson.com.mx
Website: www.sikaadvancedresins.mx

CHINA

N°53 Tai Gu Road
Wai Gao Qiao
Free Trade Zone, Pudong
200131 Shanghai – CHINA
Tél.: (+86) 21 5868 3037
Fax: (+86) 21 5868 2601
E-mail: marketing.china@axson.com
Website: www.sikaadvancedresins.cn

JAPAN

2-5-12 Onishi Okazaki Aichi
444-0871 – JAPAN
Tel.: (+81) 564 26 2591
Fax: (+81) 564 26 2593
E-mail: sales.japan@axson.com
Website: www.sikaadvancedresins.jp

INDIA

Office n°8, Building Symphony C - 3rd Floor
Range Hills Road
Bhosale Nagar
PUNE 411 020 – INDIA
Tel: (+ 91) 20 25 56 07 10
Fax: (+ 91) 20 25 56 07 12
E-mail: info.india@axson.com
Website: www.sikaadvancedresins.in