

SikaFast®-3083N

Black Activator Part B Component

This product to be used only with SikaFast® 3000 Series Products

Technical Product Data

Properties	Component A: SikaFast®-3000 Series	Component B: SikaFast®-3083N
Chemical base	Toughened 2-component acrylic	
Color	straw	black
Color mixed	black	
Viscosity, Approximate (Brookfield T _E @ 10 RPM)	350,000 cps	150,000 cps
Cure mechanism	Free Radical Polymerization	
Density (Typical)	8.0 lb/gal	10.8 lb/gal
Density mixed (Typical)	8.3 lb/gal	
Mixing ratio (Typical)	by volume by weight	10 : 1 7.4 : 1
VOC, Approximate (EPA Method 24, mixed closed bead)	0.43 lb/gal (52 g/l)	
Consistency (mixed)	Non-Sag Paste	
Application temperature, Approximate	product 50–95°F (10 – 35°C)	
Open time ¹ (Typical) (static mixer)	72°F (22°C) 95°F (35°C)	7 min 3 min
Gel time (Typical at 72°F / 22°C)	8 min	
Peak exotherm (Typical)	time / temperature 17 min / 190°F	
Shore D-hardness, Approximate	65	
Tensile strength, Approximate (ASTM D 412) ¹	1300 psi	
Elongation at break, Approximate (ASTM D 412) ¹	50%	
Elastic modulus, Approximate (ASTM D 412) ¹	9000 psi	
Service temperature range, Approximate	-20-180°F (-29 - 82°C)	
Shelf life ²	Drums & Pails 9 months	Pails 9 months
	Cartridges 9 months	

¹⁾ 72°F (22°C) / 50% r.h.

²⁾ Stored below 72°F (22°C) and no exposure to direct sun light

Description

SikaFast®-3083N is the activator component for SikaFast®-3000 Series adhesives. It is mixed one part by volume with ten parts by volume of SikaFast®-3000 Series Part A adhesives. SikaFast®-3000 Series adhesives are 10:1 two-part structural adhesives designed to substitute or complement welding, riveting, clinching and other

mechanical fastening techniques used in many structural manufacturing applications. They are suitable for bonding sidewall panels, roofs, floors, and parts made of aluminum, stainless or galvanized steel and fiber reinforced polymers.

Method of Application

Mixing

Refer to the applicable SikaFast®-3000 Series Product Data Sheets and Material Safety Data Sheets for details on all product applications, surface preparation, and usage instructions. Product Data Sheets and Material Safety Data Sheets can be obtained by logging onto www.sikaindustry.com, or contacting your Sika Representative.

Industry



Application
PRIOR TO USE READ CURRENT PRODUCT DATA SHEET AND MATERIAL SAFETY DATA SHEET FOR THIS PRODUCT AVAILABLE AT WWW.SIKAINDUSTRY.COM.

This product is suitable for experienced professional users only. Tests with actual substrates and conditions have to be performed to ensure adhesion and material compatibility.

WARNING: IRRITANT, SENSITIZER

Contains Benzoyl Peroxide (CAS 94-36-0), Bisphenol A/Epichlorohydrin Epoxy Resin (CAS 25068-38-6), Tricresyl Phosphate (CAS 1330-78-5). Causes eye irritation/skin/respiratory irritation. May cause skin sensitization after prolonged and/or repeated contact. Harmful if swallowed. Use only in well ventilated areas. Deliberate concentration of vapors for purposes of inhalation is harmful and can be fatal.

HMIS

Health	*2
Flammability	1
Reactivity	1
Personal Protection	C

First Aid Measures

Eyes – Hold eyelids apart and flush thoroughly with tepid water for 15 minutes. **Skin** – Remove contaminated clothing. Wash skin thoroughly for 15 minutes with soap and tepid water. **Inhalation** – Remove to fresh air. **Ingestion** – Do not induce vomiting. Dilute with water. Contact physician. **In all cases contact a physician immediately if symptoms persist.**

Further Information

Copies of the following publications are available on our website www.sikaindustry.com:

- Material Safety Data Sheets
- Product Data Sheet
- Sika Primer Chart
- General guidelines for bonding and sealing with Sika products

In case of emergency call:
Chemtrec: 800-424-9300
International: 703-527-3887

For further information and advice regarding transportation, handling, storage and disposal of chemical

products, users should refer to the actual Material Safety Data Sheets containing physical, ecological, toxicological and other safety related data. It is highly recommended to read the actual Material Safety Data Sheet before using the product.

- KEEP OUT OF REACH OF CHILDREN**
- NOT FOR INTERNAL CONSUMPTION**
- FOR INDUSTRIAL USE ONLY**
- KEEP CONTAINER TIGHTLY CLOSED**

Packaging Information

Pail ¹ (comp. B)	4.5 gal
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¹⁾ 5 gallon plastic or metal straight side pail

Value Basis

All technical data stated on this Product Data Sheet are based on the results of laboratory tests only. Actual measured data in the field may vary due to site specific conditions which are not known to Sika and beyond our control.

Handling and Storage

Keep away from heat, flame, sparks, electrical equipment or other sources of ignition. DO NOT SMOKE. Avoid direct contact. Use only in well ventilated areas. Open doors and windows during use. Wear protective equipment (chemical resistant gloves/goggles/clothing) to prevent contact with skin and eyes. Use properly fitted NIOSH approved respirator if ventilation is poor. Remove contaminated clothing after use.

Keep stored in original containers between 40°F and 72°F and avoid exposure to direct sunlight. Prolonged exposure of product to temperatures above 90°F (32°C) should be avoided. Exposure to temperatures above 95°F (35°C) will rapidly decrease shelf life. Total exposure to the 90°F- 95°F (32°C-35°C) range should not exceed 14 days. Refrigeration of components will extend shelf life. No formal recommendations can be made since storage conditions at customer locations may fluctuate and are beyond Sika's control.

Clean Up

Eliminate all ignition sources. Use personal protective equipment (chemical resistant gloves / goggles / clothing). Ventilate area. Open doors and windows. In absence of proper ventilation, use properly fitted NIOSH respirator. Confine spill and collect using absorbent material. Place in properly sealed container. Dispose of excess product in accordance

with applicable local, state and federal environmental regulations.

Limited Material Warranty

SIKA warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current Product Data Sheet if used as directed within shelf life. User determines suitability of product for intended use and assumes all risks. Buyer's sole remedy shall be limited to the purchase price or replacement of product exclusive of labor or cost of labor. **NO OTHER WARRANTIES IMPLIED OR EXPRESS SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SIKA SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES. SIKA SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS.**

Legal Notes/Disclaimer

All information provided by Sika Corporation ("Sika") concerning Sika products, including but not limited to, any recommendations and advice relating to the application and use of Sika products, is given in good faith based on Sika's current experience and knowledge of its products when properly stored, handled and applied under normal conditions in accordance with Sika's instructions. In practice, the differences in materials, substrates, storage and handling conditions, actual site conditions and other factors outside of Sika's control are such that Sika assumes no liability for the provision of such information, advice, recommendations or instructions related to its products, nor shall any legal relationship be created by or arise from the provision of such information, advice, recommendations or instructions related to its products. The user of the Sika product(s) must test the product(s) for suitability for the intended application and purpose before proceeding with the full application of the product(s).

Sika reserves the right to change the properties of its products without notice. All sales of Sika product(s) are subject to its current terms and conditions of sale which are available at www.sikacorp.com or by calling 201-933-8800.

Further information available at:
www.sikaindustry.com

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Prior to each use of any Sika product, the user must always read and follow the warnings and instructions on the product's most current Product Data Sheet, product label and Material Safety Data Sheet which are available at www.sikaindustry.com. Nothing contained in any Sika materials relieves the user of the obligation to read and follow the warnings and instruction for each Sika product as set forth in the current Product Data Sheet, product label and Material Safety Data Sheet prior to product use.

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