

Vantico Inc.
Adhesives & Tooling

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Product Data

EPIBOND® 1567-A/B-40

- Toughened Epoxy Adhesive
- High Strength to 250°F
- Thixotropic Paste

DESCRIPTION

Epibond 1567-A/B-40 is a two part epoxy paste adhesive for service up to 250°F. It is an excellent general purpose structural adhesive for bonding metals, composites, and many other dissimilar materials. Extrudable when dispensed from dual barrel mixing kit.

TYPICAL PROPERTIES AS RECEIVED

<u>Property</u>	<u>1567-A</u>	<u>1567-B-40</u>	<u>1567-A/B-40</u>	<u>Test Method</u>
Color	Tan	Black	Black	Visual
Density, g/cc.	1.40	1.00	1.20	ASTM-D-792
Viscosity, centipoise	Semi-Paste	50,000	Semi-Paste	ASTM-D-2196
Gel time, 100 gms at 77°F, minutes	--	--	60	ASTM-D-2471
Shelf life at 77°F, unopened, months	6	6	--	--

MIX RATIO

To 100 parts by weight of Epibond 1567-A, add 72 parts by weight of Epibond 1567-B-40 (1:1 by volume). Mix both components thoroughly for several minutes until a homogeneous mixture is obtained.

CURE SCHEDULE

One hour at room temperature plus two hours at 150°F.

TYPICAL CURED PROPERTIES (Not for specification purposes)

<u>Test</u>	<u>Result</u>	<u>Test Method</u>
Tensile lap shear strength, AL/AL, psi at -67°F	3,000	ASTM-D-1002
at 75°F	2,500	--
at 250°F	1,000	--
T Peel at 75°F, pli	10	ASTM-D-1876
Compression Strength/Modulus at 75°F, Ksi	7.10/150	ASTM-D-695

PACKAGING & SHIPPING INFORMATION

Epibond 1567-A is a non-restricted article. Epibond 1567-B-40 is a corrosive liquid.

ENVIRONMENTAL INFORMATION

When used properly, this material is safe to handle and poses no environmental hazard. Spills should be contained with absorbent material and transferred to a closed container for disposal. Unreacted components should be handled carefully. Observe all precautionary statements that appear on the product label. Users should investigate all applicable waste regulations before disposal.

FOR PROFESSIONAL & INDUSTRIAL USE ONLY

CLEANLINESS & SAFETY

EPIBOND 1567-A

CAUTION! MAY CAUSE EYE IRRITATION. PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE IRRITATION AND MAY CAUSE ALLERGIC SKIN REACTION. HARMFUL IF INHALED. HARMFUL IF SWALLOWED. Avoid contact with eyes, on skin, or clothing. Wear eye protection and impervious gloves when handling. Wash thoroughly after handling. Avoid breathing vapor or mist. Keep container closed when not in use. Use only with adequate ventilation. Do not take internally.

FIRST AID! Eyes and Skin: Flush eyes with water for 15 minutes. Contact a physician if irritation persists. Wash skin thoroughly with soap and water. Remove and wash contaminated clothing before reuse. Inhalation: Remove subject to fresh air and get prompt medical attention. If breathing is difficult, give oxygen. Swallowing: Dilute by giving water to drink and contact a physician promptly. Never give anything to drink to an unconscious person.

WARNING! This product may contain traces of chemicals known to the State of California to cause cancer and/or reproductive toxicity. California laws require that this warning be given.

EPIBOND 1567-B-40

DANGER! CORROSIVE. CAUSES SEVERE EYE AND SKIN BURNS AND POSSIBLE ALLERGIC SKIN REACTION. VAPOR IRRITATING TO EYES, SKIN AND NASAL MUCOUS MEMBRANES. HARMFUL IF SWALLOWED. Do not get in eyes, on skin or on clothing. Keep away from heat, sparks and flames. Wear impervious gloves and splash goggles when handling. Wash thoroughly after handling. Avoid breathing the vapor. Keep containers closed when not in use. Use only with adequate ventilation. Do not take internally.

FIRST AID! Eyes and Skin: Flush eyes with water for 15 minutes. Call for immediate medical attention. Wash skin thoroughly with soap and water. Remove and wash contaminated clothing before reuse. Destroy contaminated shoes and other articles made of leather. Inhalation: Remove subject to fresh air. If breathing is difficult, give oxygen. Swallowing: Dilute by giving water to drink and contact a physician promptly. Never give anything to drink to an unconscious person.

IN CASE OF FIRE! Use carbon dioxide, foam, dry chemical or water spray.

KEEP OUT OF REACH OF CHILDREN

Vantico maintains up-to-date Material Safety Data Sheets (MSDS) on all of its products. These sheets contain pertinent information that you may need to protect your employees and customers against any known health or safety hazards associated with our products.

IMPORTANT: The following supercedes Buyer's documents. SELLER MAKES NO REPRESENTATION OR WARRANTY, EXPRESS OR IMPLIED, INCLUDING OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. No statements herein are to be construed as inducements to infringe any relevant patent. Under no circumstances shall Seller be liable for incidental, consequential or indirect damages for alleged negligence, breach of warranty, strict liability, tort or contract arising in connection with the product(s). Buyer's sole remedy and Seller's sole liability for any claims shall be Buyer's purchase price. Data and results are based on controlled or lab work and must be confirmed by Buyer by testing for its intended conditions of use. The product(s) has not been tested for, and is therefore not recommended for, uses for which prolonged contact with mucous membranes, abraded skin, or blood is intended; or for uses for which implantation within the human body is intended.
