



Product Data

REN-WELD™ 5008 ADHESIVE REN-PATCH™ 5008 REPAIR PASTE

ADHESIVE AND REPAIR PASTE FOR RenShape® 5008 HIGH PERFORMANCE EPOXY BOARD

DESCRIPTION: Ren-Weld™ 5008 Adhesive and Ren Patch™ 5008 Repair Paste are designed as companion products for RenShape 5008 High Performance Epoxy Board. Both systems are carefully matched to the properties of the board. Both materials are based on epoxy, as is the RenShape 5008 board.

TYPICAL PROPERTIES:

Property	Method	Adhesive	Patch
Color	Visual	Light Blue	Light Blue
Viscosity	Visual	Liquid	Paste ½" mixed sag resistance
Reacting Ratio	--	100R / 20 H	100R / 21 H
Specific Gravity	ASTM D-792	0.65	0.65
CTE	TMA	18×10^{-6} in/in/°F	18×10^{-6} in/in/°F
Hardness	Shore	68D	68D
Gel Time	4 oz.	75 min.	15 min.
Adhesion	3-point compression	Substrate failure	Substrate failure
Tack/Sanding Time	--	4 hours	1 hour

NOTE: Typical Properties – These physical properties are reported as typical test values obtained by our test laboratory. If assistance is needed in establishing product specifications, please consult with our Quality Control Department.

APPLICATION: Boards to be bonded or patched must be clean and free of contaminants. Bonded or patched boards should be cured a minimum of 24 hours at 75°F before use. Otherwise accelerate the cure by curing 4 hours at 200°F.

Always take care to cool down bonded board assemblies at a rate not to exceed 2°F per minute. Shocking boards on heat-up or cool-down may cause cracks to form.

SAFETY/HANDLING PRECAUTIONS: Do not use or handle this product until the Material Safety Data Sheet has been read and understood.

Ren-Patch 5008 Resin

DANGER! Causes severe skin irritation and may cause skin burns. Can cause eye irritation and allergic skin reaction. Do not get on skin or on clothing. Avoid contact with eyes. Wash thoroughly after handling.

Nuisance dust may be generated when sanding or sawing cured material.

SAFETY/HANDLING PRECAUTIONS (continued)

Ren-Patch 5008 Hardener

DANGER! CORROSIVE. Causes eye burns. Causes severe skin irritation and may cause skin burns. Can cause allergic respiratory reaction and allergic skin reaction. Do not get in eyes, on skin, or on clothing. Avoid breathing vapor or mist. Keep container closed when not in use. Use with adequate ventilation. Wash thoroughly after handling.

Nuisance dust may be generated when sanding or sawing cured material.

Ren-Weld 5008 Resin

DANGER! Causes severe skin irritation and may cause skin burns. Can cause eye irritation and allergic skin reaction. Do not get on skin or on clothing. Avoid contact with eyes. Wash thoroughly after handling.

Nuisance dust may be generated when sanding or sawing cured material.

Ren-Weld 5008 Hardener

DANGER! CORROSIVE. Causes skin and eye burns. Causes irritation if inhaled and can cause allergic skin reaction. Can be harmful if inhaled or if absorbed through skin. Do not get in eyes, on skin, or on clothing. Avoid breathing vapor or mist. Keep container closed when not in use. Use with adequate ventilation. Wash thoroughly after handling.

NOTICE! Overexposure may have effects on lung, kidney, and liver.

Nuisance dust may be generated when sanding or sawing cured material.

FIRST AID: In case of contact with:

Skin: Immediately wash with soap and water. Remove contaminated clothing and launder before reuse. Destroy contaminated shoes.

Eyes: Immediately flush with water for at least 15 minutes. Call a physician.

Ingestion: If conscious, give plenty of water to drink. Do not induce vomiting. Call a physician.

Inhalation: Remove to fresh air. Administer oxygen or artificial respiration if necessary. Call a physician.

Other: Referral to physician is recommended if there is any question about the seriousness of any injury.

IMPORTANT: The following supersedes Buyer's documents. SELLER MAKES NO REPRESENTATION OR WARRANTY, EXPRESS OR IMPLIED, INCLUDING WARRANTIES AND CONDITIONS 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.

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