



CHEM-SEAL®

MANUFACTURER

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DESCRIPTION

Chem-Seal® is a smooth gel. It is a flexible epoxy adhesive formulated for moving cracks and joints in vertical applications. It is referred to as a gun-grade caulk and may be applied using a dual caulking tube with a kenix nozzle attached for mixing.

APPLICATION

Mix equal volumes of parts A and B. When thoroughly mixed, apply to moving cracks. This system may be used to join dissimilar materials such as metals and concrete to produce, as an example, the joining of a door tread to the concrete surface of a patio or walkway.

LIMITATIONS

Application at ambient temperature below 40°F. is not recommended. Exposure to temperatures exceeding 150°F. for prolonged periods is not recommended.

PACKAGING

Chem-Seal is available in 2 gallon units and 10 gallon units in metal containers. Also in 22 oz. side by side cartridges.

TECHNICAL DATA

Properties at 77°F.

	Resin Part A	Hardener Part B
Solids	100%	100%
Color	White, gel	Black, gel
Wt./gal.	9.2 lb.	8.0 lb.
Shelf Life	1 Year	1 Year
Mix Ratio	Typical Mixed Values 1:1 by volume (A:B)	ASTM Method N/A
Viscosity	Flowable Gel	N/A
Pot Life (3 oz.)	9 minutes	N/A
Hardness (shore)	85-A	D-2240
Gel Time (5 mil.)	1-2 Hours	N/A
Tensile Strength	1,600 psi	D-638
Flexural Strength	100 psi	D-790
Compressive Strength	1,000 psi	D-695
Bond Strength	250 psi (24 hours)	C-321
Elongation	70%	D-638
Water Absorption	.35% (24 hours)	N/A

CLEAN-UP

Remove uncured Chem-Seal from tools and equipment with a suitable solvent such as xylene or toluene immediately after use. Cured material may only be removed mechanically.

SHELF LIFE

1 year in original, unopened container.

STORAGE

Store in a dry area, between 40°F. and 95°F. Protect from direct sunlight.

HEALTH PRECAUTIONS

Component A - IRRITANT - Prolonged skin or eye contact may cause sensitization and irritation.
Component B - IRRITANT - Contact with skin or eyes may cause severe burns.

FIRST AID

Skin Contact: wash thoroughly with soap and water.
Eye Contact: flush immediately with clean water and contact a physician.
Respiratory Problems: remove affected person to fresh air immediately and contact a physician.
Hygiene: wash hands immediately after use. Wash clothing before reuse.

SPILLS

Collect with absorbent material. Material may be removed with a suitable solvent.

DISPOSAL

Dispose of in accordance with local, state and federal regulations.

WARNING

KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP OUT OF REACH OF CHILDREN. NOT FOR INTERNAL CONSUMPTION. FOR PROFESSIONAL USE ONLY BY A QUALIFIED TECHNICIAN. Consult the Material Safety Data Sheet for further health and safety information.

WARRANTY

LIMITED WARRANTY: “International Chem-Crete Corporation warrants that, at the time and place we make shipment, our material will be of good quality and will conform with our published specifications in force on the date of the acceptance of the order.” Read complete Warranty, copy furnished upon request.

DISCLAIMER: The information contained herein is included for illustrative purposes only and, to the best of our knowledge, is accurate and reliable. International Chem-Crete Corporation cannot, however, under any circumstances make any obligation or liability in connection with the use of this information. As International Chem-Crete Corporation has no control over the use to which others may put its products, it is recommended that the products be tested to determine if suitable for a specific application and/or our information is valid in a particular circumstance. Responsibility remains with the architect or engineer, contractor and owner for the design, application and proper installation of each product. Specifier and user shall determine suitability of products for specific application and assume all responsibilities in connection therewith.

TECHNICAL SERVICES

International Chem-Crete Technical Sales Personnel throughout the country are available as required. International Chem-Crete distributors have local salesmen trained by International Chem-Crete.

Chem-Seal is manufactured by:

INTERNATIONAL CHEM-CRETE CORPORATION

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