

BONDMASTER E3508

General Description

Bondmaster E3508 is a two part epoxy adhesive/sealing compound which has a long usable life. The product has high cohesive strength and excellent impact and vibration resistance.

Physical Properties

	Resin Component Part A	Hardener Component Part B	Mixed
Colour	Black	White	Grey
Specific Gravity	1.69	0.98	1.46
Viscosity (25°C) mPa.s	9,000	17,000	13,000
Usable life - 100 ml - Thin Film			2 hours
Setting Time – 25°C			3 hours
- 60°C			12 hours
			45 minutes
Shelf Life	12 months	12 months	

Mix Ratio

	Parts of Resin	Parts of Hardener
By Weight	4	1
By Volume	100	43

Mixing Instructions

Ensure that the two components have not settled. Thoroughly mix the two components in the correct ratio. Do not mix more material than can be utilised within the usable life of the adhesive.

We advise that our Technical Department be consulted if machine dispensing is under consideration.

Cure Schedule

Should rapid setting be required, this can be readily achieved by the use of heat.

CURE TEMPERATURE	CURE TIME
60°C	45 minutes
80°C	40 minutes

Clean Up

Uncured mixed adhesive or the hardener alone, on tools or brushes can be cleaned off with hot water. The resin component alone requires a solvent (e.g. Acetone).

Storage

Store in a cool, dry place and keep containers tightly closed when not in use.

Precautions

This adhesive has been formulated with particular consideration for safety. Nevertheless, susceptible individuals may exhibit a dermatitic reaction upon contact. We recommend the use of Bondmaster E adhesives in suitably ventilated areas. Personnel who are susceptible to skin irritations like dermatitis should exercise extreme care in handling these products. Any individual who becomes sensitised should be moved to a different sphere of work.

Good hygiene is the best method of reducing risk and we recommend the use of barrier creams and gloves. Safety glasses should be worn when handling low viscosity products. Skin and eye contact should be avoided.

Please refer to the Material Safety Data Sheet for full handling details. When the adhesive has set no physiological activity remains and the product is regarded as non-hazardous.

The information given and the recommendations made herein are based on our research and are believed to be accurate but no guarantee of their accuracy is made. In every case we urge and recommend that purchasers before using any product in full scale production make their own tests to determine to their own satisfaction whether the product is of acceptable quality and is suitable for their particular purpose under their own operating conditions. The products discussed herein are sold without any warranty, expressed or implied. No representative of ours has any authority to waive or change the foregoing provisions but, subject to such provisions, our engineers are available to assist purchasers in adapting our products to their needs and to circumstances prevailing in their business. Nothing contained herein shall be construed to imply the non-existence of any relevant patents or to constitute a permission inducement, or recommendations to practice any invention covered by any patent without authority from the owner of the patent.



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