

Reprorubber thin pour

This product produces a mix of semi-liquid consistency, and is suitable for pouring into cavities or onto a surface which has been suitably dammed. When set Reprorubber Thin Pour provides an exact replica of the size and form of the original component.

The final set condition is similar to medium hard rubber and is suitable for measurement by projection as it can be made easily sectioned with a sharp knife if necessary. Due to its rubber like property it is easily removed from components which have undercuts which, would make other products impossible to remove.

- * **Mix time** 0.5 to 1 Minute
- * **Working time** 4 Minutes
- * **Cure time** 10-15 Minutes
- * **Strength** 44 lbs/sq. in
- * **Hardness** Shore 30 in 15 Minutes
- * **Colour** Green

Order Code	Description/ Size
52-016-116	Trial Size Kit 130ml
52-016-135	Reprorubber Thin Pour 380ml

Mixing Instructions

Final Color - Light Green

Warning: Never get blue liquid into bottle of yellow or yellow into bottle of blue as it will inactivate the catalyst and void our warranty.

The kit contains: 1 Bottle of Base (blue), 1 Bottle of Catalyst (yellow), 5 Graduated Plastic Cups, 10 Mixing Sticks.

METHOD 2

Pour a quantity of base into the cup, then an equal quantity of catalyst into the same cup. Mix slowly with the stick (approximately ½ minute). Lifting the mixing stick and letting it ribbon into the cup helps. When a uniform green colour is achieved, without streaks then mixture is completed. Pour mixture into the cavity and wait for final cure. Set up time is about 15 minutes.

METHOD 2

Place equal quantities on a paper pad and mix together with a flat knife. Keep turning over REPRORUBBER until it is a uniform green colour. A. Scoop it into the cavity or outside the specimen. B. Force mixture into a plastic syringe. Place push-rod into the syringe and then inject mixture into the specimen. If you do not want mixture to run off, simply dam off the specimen before applying mixture. A dam can be made using our No. 16130 or 16131 Quick Setting Putty, or use clay etc.

IMPORTANT:

- * Never store impression material above 80°F (27°).
- * Mix base and catalyst only in 1 to 1 ratio.
- * Work with material only at room temperature 70° - 75°F (21°C - 24°C)

* Mixing cups can be re-used. Simply peel out the cured material.



MATERIAL SAFETY DATA SHEET**SECTION I - Product/Company Information**

1.1 Product Trade Name: FLEXBAR REPRORUBBER® PUTTY
Material Base Paste

1.2 Part (Item) Number: 16130, 16131

1.3 Division Name: Flexbar Machine Corporation

1.4 Address: 250 Gibbs Road
Islandia NY 11749-2697

1.5 Emergency Telephone Number: (800) 879-7575

1.6 Telephone Number for Information: (631) 582-8440

1.7 Date Prepared: 02/19/98 **Date Revised:** 08/4/99

SECTION II - Hazardous Ingredients/Identity Information

Hazardous Components	OSHA PEL	ACGIH TLV
Vinyl dimethyl terminated polydimethylsiloxane	N.E.	N.E.
Silica (Amorphous)	1.2 mg/m ³	10 mg/m ³
Silica (Crystalline)	0.05 mg/m ³	0.05mg/m ³
Organic Plasticizer	N.E.	N.E.
Organic Pigments	N.E.	N.E.
Fluorescent organic dye	N.E.	N.E.
Polymethylhydrogen siloxane	N.E.	N.E.

SECTION III - Physical/Chemical Characteristics

3.1 Boiling point: >200°C

3.2 Vapour pressure: N.E.

3.3 Vapour density: N.A.

3.4 Solubility in water: Not Soluble

3.5 Appearance and odor: Colored paste with faint sweet odor

3.6 Specific Gravity: 1.3 g/cm³

3.7 Melting Point: N.E.

3.8 Evaporation rate: <1

SECTION IV - Fire and Explosion Hazard Data

4.1 Flash Point (method used): >415°F (Pensky Martin CC ASTM 093)

4.2 Flammability (explosive limits): LEL: N.E. UEL: N.E

4.3 Extinguishing media: Sand, foam, carbon dioxide, dry chemical

4.4 Special fire fighting procedure: Fire fighter should wear full protective clothing including a self contained breathing apparatus.

4.5 Unusual fire and explosion hazards: During a fire, irritating and/or toxic gases from the decomposition of the paste may be present.

SECTION VIII - Control Measures

- 8.1 Respiratory protection:** None required during normal use of this product.
8.2 Ventilation: Local exhaust recommended
8.3 Protective gloves: Vinyl gloves. Latex or rubber gloves may inhibit set.
8.4 Eye protection: Protective goggles.
8.5 Other protective clothing or equipment: Apron.
8.6 Work/Hygenic practices: Observe normal care when working with chemicals.
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NFPA HAZARD CLASSIFICATION	
Health	0
Flammability	1
Reactivity	0
Specific Hazard	N.A.

NFPA - National Fire Protection Association
N.S. - Not Applicable
N.E - Not Established