

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 suitable 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 easily sectioned with a sharp knife if required. Due to its rubber like property it can be easily removed From components which have undercuts which would make other products impossible to remove

Packed Weight and Dimensions

Code	Description	Weight g	W mm	H mm	L mm
52-016-016	Reprorubber Thin Pour: 130ml (trial size)	220	75	102	95
52-016-135	Reprorubber Thin Pour: 380ml	500	105	50	180



Mix time	0.5 – 1 minute
Working time	4 minutes
Cure strength	10--15 minutes
Strength	44 lbs/sq. in
Hardness	Shore 30 in 15 minutes
Colour	Green

Code	Description / Size
52-016-016	Reprorubber Thin Pour: 130ml (trial size)
52-016-135	Reprorubber Thin Pour: 380ml

Instructions:

Method 1:

Pour a quantity of base into a cup, then an equal quantity of catalyst into the same cup. Mix slowly with a mixing stick for approximately 30 seconds. Lifting the stick and letting the mixture ribbon into the cup helps. When a uniform green colour is achieved without streaks the mixture is ready for pouring. Pour mixture into the cavity, final cure will take approximately 15 minutes

Method 2:

Pour equal quantities of base and catalyst onto a paper pad and mix together with a flat knife. Keep turning over the Reprorubber until it has become a uniform green colour.  
 A: Scoop it into the cavity or onto the outside of the component  
 B: Force mixture into a plastic syringe, place push rod into the syringe and inject the mixture into the component  
 If you do not want the mixture to run off, simply dam the required area using clay or a similar material

Important:

Never store impression material above 80°F (27°C)  
 Mix base and catalyst in 1 to 1 ratio  
 Work with material only at room temperature 70 - 75°F (21 - 24°C)  
 Mixing cups can be re-used, simply peel out the cured material  
 Never get blue or green liquids into the other colour bottle as this will inactivate the catalyst and void the warranty  
 Kit contains: 1 x Bottle of Base (blue), 1 x bottle of Catalyst (yellow), 5 x Graduated Cups, 10 x Mixing Sticks

## Reprorubber Thin Pour

- 1.1 Product Trade Name: FLEXBAR REPRORUBBER® THIN POUR MATERIAL CATALYST PASTE  
 1.2 Part (item) Number: 16135, 16137

## SECTION 1

- 1.3 Division Name: Flexbar Machine Corporation  
 1.4 Address: 250 Gibbs Road  
 Islandia N.Y. 11722-2697  
 1.5 Emergency Phone Number: (800) 879-7575  
 1.6 Phone Number for Information: (516) 582-8440  
 1.7 Date Prepared: June 1, 1997

## SECTION II – Hazardous Ingredients/Identity Information

Hazardous Components:	OSHA PEL	ACGIH	Other limits
Vinyl dimethyl terminated polydimethylsiloxane	N.E.	N.E.	
Silica (Amorphous)			10 mg/m <sup>3</sup>
Silica (Crystalline)			0.05mg/m <sup>3</sup>
Organo platinum complex	N.E.	N.E.	

## SECTION III – Physical/Chemical Characteristics

- 3.1 Boiling Point:  $\geq 200^{\circ}\text{C}$   
 3.2 Vapour Pressure: N.E.  
 3.3 Vapour Density: N.A.  
 3.4 Solubility in Water: Not soluble  
 3.5 Appearance and odour: Coloured paste with faint sweet odour  
 3.6 Specific Gravity: 1.1 g/cm<sup>3</sup>  
 3.7 Melting Point: N.A.  
 3.9 Evaporation Rate:  $\geq 1$

## SECTION IV – Fire and Explosion Hazard

- 4.1 Flash Point (method used):  $\geq 415^{\circ}\text{F}$  (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. Cool containers exposed to flame with water  
 4.5 Unusual Fire and Explosion Hazards: During a fire, irritating and/or toxic gasses and aerosols May be present from the decomposition/combustion by-products

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## SECTION V – Reactivity Data

5.1	Stability:	Unstable:	Stable: X
5.2	Conditions to Avoid (stability):	Heat greater than 60°C	
5.3	Incompatibility (materials to avoid):	Condensation silicones, tin and sulphur compounds, amines and peroxides	
5.4	Hazardous decomposition of by-products:	N.E.	
5.5	Hazardous polymerisation:	May occur:	Will not occur: X
5.6	Conditions to avoid (polymerisation)	Extreme heat	

## SECTION VI – Health Hazard Data

6.1	Route(s) of entry:	Inhalation: No	Skin: Yes	Ingestion: Possible
6.2	Health hazards (acute and chronic)	In susceptible persons, skin reactions may occur. This is short term and should go away after washing with Soap and water		
6.3	Carcinogenicity:	NTP: Not listed	IARC: monographs: Not listed	
		OSHA regulated: No All components of this product are in compliance with the Inventory listing requirements of the U.S Toxic Substances Control Act (TSCA) Chemical Substances Inventory		
6.4	Signs and symptoms of exposure:	Product may irritate the eyes and skin Reddish rashes may be seen on the skin		
6.5	Medical Condition generally aggravated By exposure	Possible skin rashes		
6.6	Emergency First Aid procedures:	Eye Contact: flush with copious amounts of water for At least 15 minutes. Consult with a Doctor Skin Contact: Wash thoroughly with soap and water. Ingestion: Consult a Doctor immediately		

## SECTION VII – Precautions for safe Handling and Use

7.1	Steps to be taken in case material is Released or Spilled:	Cover with sand or sawdust or other absorbent material Scoop up and put into a suitably marked container
7.2	Waste Disposal Methods:	Dispose of in accordance with National and local regulations
7.3	Precautions to be taken in handling and storage:	Store away from food and beverages
7.4	Other Precautions:	Store away from extreme heat

## SECTION VIII – Control Measures

8.1	Respiratory protection:	Non required during normal use of this product
8.2	Ventilation:	Local exhaust
8.3	Protective Gloves	Vinyl, Latex, and Rubber gloves may inhibit setting of this product
8.4	Eye Protection:	Protective goggles
8.5	Other Protective Clothing or Equipment:	Apron
8.6	Work/Hygienic Practices:	Observe normal care when working with chemicals

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