



FLABBERCAST

A CURATIVE POLYURETHANE GEL

PRODUCT DESCRIPTION:

FLABBERCAST is set up as a three component liquid material system. When added in increased amounts, the “C” component takes the basic A/B mixture from the texture of an ordinary soft gumdrop to a jelly-like consistency. One of the most unusual, yet, important features of this product is that regardless of the consistency, FLABBERCAST can bounce back to its original shape. The maximum amount of “C” that can be added is 200% to a total A/B mixture. This level of “C” produces a gel that has a sticky, pressure-sensitive adhesive type surface. This can be a desirable feature as it can keep the gel in place when it is used to fill a bladder or bag.

PRODUCT HIGHLIGHTS:

- Resists moisture absorption and is moisture insensitive during handling
- Non-foaming
- Does not contain MOCA, MDA or TDI
- Non corrosive and compatible with electrical components
- Very easy to use
- Cures at room temperature

PHYSICAL PROPERTIES of A/B only:

Hardness, Shore A ASTM D-2240.....	15 ± 2
Specific Gravity, (g/cc) cured ASTM D-792	0.95
Shrinkage, (% by volume).....	0.2
Water Resistance, (% wt. change) 30 days @ 77°F (25°C) water.....	+ 0.2

HANDLING PROPERTIES:

Mix Ratio (by weight):

Part A	50 parts by weight
Part B	100 parts by weight
Part C	Can be added up to 200% by weight
Mixed Viscosity of A/B (cps)	150
Work Time of A/B (100g mass) @ 77°F (25°C)	5 - 10 minutes
Demold Time of A/B @ 77°F (25°C).....	3 hours

Note: Increased amounts of the “C” component will lengthen the demold time.

STORAGE:

Store at room temperature in a dry place. Unopened containers will have a shelf life of 6 months from date of shipment when properly stored under normal conditions at 77°F (25°C). Opened containers of material should be purged with dry nitrogen prior to replacing lids or caps to prevent moisture contamination.

PACKAGING:

Gallon kits..... 1 lbs. A, 2 lbs. B, 6 lbs. C
5-Gallon kits6 lbs. A, 12 lbs. B, 36 lbs. C

SAFETY PRECAUTIONS:

Use in a well-ventilated area. Avoid contact with skin using protective gloves and protective clothing. Repeated or prolonged contact on the skin may cause an allergic reaction.

Eye protection is extremely important. Always use approved safety glasses or goggles when handling this product.

IF CONTACT OCCURS:

Skin: Immediately wash with soap and water. Remove contaminated clothing and launder before reuse. Seek qualified medical attention if allergic reactions occur.

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

Ingestion: If swallowed, call a physician immediately. Remove stomach contents by gastric suction or induce vomiting only as directed by medical personnel. Never give anything by mouth to an unconscious person.

Refer to the Material Safety Data Sheet before using this product.

NON-WARRANTY "Except for a warranty that materials substantially comply with the data presented in Manufacturer's latest bulletin describing the product (the basis for this substantial compliance is to be determined by the standard quality control tests generally performed by Manufacturer), all materials are sold "AS IS" and without any warranty express or implied as to merchantability, fitness for a particular purpose, patent, trademark or copyright infringement, or as to any other matter. In no event shall Manufacturer's liability for damages exceed Manufacturer's sale price of the particular quantity with respect to which damages are claimed."