



## ***CUSTOMER SERVICES BULLETIN***

### ***FIBER-TEK LATEX RUBBER***

**Material:** Fiber-Tek Latex rubber is an ideal product for making three dimensional molds. It is a pre vulcanized natural latex compound that contains about 60% solids, which when cured will have the tough elastic flexible properties of vulcanized rubber.

**Application:** Fiber-Tek latex rubber can be brushed or sprayed onto the item to be copied. For the first coat, make sure all crevices are filled and no air bubbles are trapped. When the white color starts to disappear and an amber color is apparent, the next coat can be applied. The rubber will take approximately 10 – 20 minutes at room temperature to achieve a 100% cure. A typical mold should have a build up of 20 – 30 coats of latex rubber.

Cheese cloth can be used between layers of the rubber to strengthen the mold & prevent buckling. Casting plaster can be used to back the cured rubber.

Mold releases are not usually needed but for pieces with a lot of detail use spray silicone or soap and water in a 1 to 1 ratio. The rubber mold should be washed after each casting to remove particles of plaster, dust etc...

- Tips:**
- Do not add water to the latex rubber or use excessive heat for curing as this will result in mold distortion, cracking and excessive shrinkage. The average shrinkage for the rubber is 3 – 5%.
  - Do not allow thorough drying of the latex rubber between coats as delaminating will occur.
  - If using large flat area it may be necessary to proceed doing small squares at a time to prevent excessive lifting due to shrinkage.
  - When using copper as a plug, always use a barrier coat such as lacquer paint on the surface and mold release on the lacquer to prevent the latex rubber from oxidizing.

- Clean-up:** Fiber-Tek latex rubber can be cleaned up with soap and water. Absorbent materials such as kitty litter can be used for spills.
- Precautions:** Wear protective eyewear when using this product. Keep container tightly closed when not in use. Avoid inhalation, ingestion, eye contact and skin contact. Keep out of reach of children.
- First Aid:**
- Oral: If swallowed, **DO NOT** induce vomiting. Call physician immediately.
  - Eyes: In case of eye contact, flush with water for 15 minutes and get prompt medical attention.
  - Skin: Wash immediately with soap and rinse with water. Do not use solvents or alcohol to remove product from skin.
  - Inhalation: Move to fresh air. If not breathing, administer CPR. If breathing is difficult, Get medical attention.

**COAST FIBER-TEK PRODUCTS LTD.**

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