



POLYTEK® DEVELOPMENT CORP.
BCC PRODUCTS, INC.

Technical Data Sheet BC-87 Yellow Liquid Parting Urethane

BC-87 Yellow Liquid Parting Urethane is an excellent low-viscosity release agent for two component polyurethane systems.

Rigid, semi-rigid and flexible parts release from molds easily and fine surface detail is achieved. The specific advantages of BC-87 are as follows:

- Can be easily applied by hand with a clean cloth, brush or other suitable spray equipment, either manual or air pressure type.
- Can be used on most common mold surfaces. Plaster surfaces must be dry before application.
- No mixing of materials is necessary; just shake well before using.
- It is specifically compounded for use with polyurethane systems, but it can be used with epoxy and polyester systems as well.
- Minimal film thickness will give maximum results.
- Polishes out smoothly for fine surface reproduction.

Instructions for Use

Surface preparation: The surface should be cleaned of all dust, dirt, oil or other contaminating matter. Porous surfaces may have to be sealed prior to application of the release agent. If a paste wax is used, thoroughly rub out each coat after it has dried to avoid pitting caused from residue.

Application: Apply a thin coating with a suitable cloth or brush that is not contaminated with oil or other foreign substances. Allow a thin coating to dry and buff out with a clean soft cloth. Then apply a second coat and buff out after drying.

- Care should be exercised to make sure that complete coverage of all mold surface is attained.
- Heat and/or moving air may be used to accelerate drying.
- Complete evaporation of the carrier solvent is important prior to polishing or buffing.
- After demolding a cure part, the surface of the mold should be inspected for residue from the polyurethane curing cycle. If residue exists, removal is suggested prior to casting of the next part or the application of additional release agent. Clean off the residue with a cloth saturated with a Naphtha-base solvent. After the mold surface is dry, reapply the release agent according to the above directions.

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