



## Technical Data Sheet

### BC Thinner 101

#### Reactive Solvent for Coatings, Elastomers, and Cleaning

#### 1). Product Description

BC Thinner 101 is a highly reactive, low-boiling, fast-evaporating solvent with exceptional solvency power. It softens many synthetic elastomers, coatings, and sealants, making it ideal for surface activation, recoating, and cleaning of equipment before hardening. It is a pure liquid with no added fillers or solids.

#### 2). Key Applications

- Activates exposed surfaces of cured and hardened elastomers (e.g., polyurea waterproofing materials) for subsequent overcoating
- Removal of thermoplastic-based membranes and sealers from floor surfaces
- Cleaning of equipment and tools before coatings and elastomers harden
- Acts as a viscosity reducer for coatings compatible with ketone-based solvents

#### 3). Application Instructions

1. Use a grinder at low RPM to prepare the area to be recoated.
2. Grind the coating edges at a maximum 30° angle to create a tapered and beveled repair area.
3. Clean the coating surface thoroughly and wipe with BC Thinner 101 to reactivate overcoat windows.
4. Ensure treated surfaces are free of chemical residues or contamination.
5. For polyurea overcoating, apply one coat of BC Primer 349 to the clean and tapered area. After the primer becomes tack-free, apply the polyurethane top coat.



#### 4). Technical Data

| Property              | Value      | Test Method  |
|-----------------------|------------|--------------|
| Density @ 20°C        | 0.805 kg/L | ASTM D4052   |
| Color                 | <5 Pt-Co   | ASTM D1209   |
| VOC                   | 805 g/L    | EPA          |
| Flash Point           | -6 °C      | Abel, IP 170 |
| Vapor Pressure @ 50°C | 36 kPa     | Calculated   |

#### 5). Packaging

- Available in 5 kg, 20 kg, and 200 kg drums

#### 6). Storage & Shelf Life

- Shelf Life: 12 months in original, sealed containers
- Storage Conditions: Store in a dry, cool, well-ventilated area away from heat, sparks, and direct sunlight

#### 7). Health & Safety

- Highly flammable: keep away from sparks, open flames, and heat sources
- Use in well-ventilated areas; avoid inhalation of vapors
- Wear suitable PPE: gloves, goggles, and protective clothing
- Avoid contact with skin and eyes
- Refer to the BC Thinner 101 MSDS for detailed safety instructions

#### DISCLAIMER

The data presented in this sheet are based on laboratory testing and practical experience. Variations in substrate, application method, and environmental conditions may impact performance. Users are advised to carry out tests under their own conditions. Building Chemistry Industry's responsibility is limited to the product replacement in cases of proven manufacturing defect.

