



## Technical Data Sheet

### BC Chemsol 101

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

#### 1). Product Description

BC Chemsol 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 Chemsol 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 Chemsol 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.

