

## BEXTER – 1752

### AROMATIC POLYESTER POLYOL

#### Description

BEXTER 1752 when used as an additive polyol in slabstock polyether polyol, it improves the bond strength in the flame lamination process. It increases the tear strength and tensile strength of the foam. Further it enhances the processing parameters, particularly for the low density foams which are difficult to process.

It provides lower viscosity, increased wetting, increased flexibility when used in laminating adhesives and coatings.

#### Typical Properties

Appearance	Visual	Soft liquid
Hydroxyl number	mg KOH/g	175 ± 5
Acid Number	mg KOH/g	1.0 ± 0.2
Water content	% by weight	<0.1
Viscosity at 25°C	cP	3800 ± 600
Specific Gravity at 25°C		1.01 ± 0.01

#### Applications

BEXTER 1752 is a specially designed polyester polyol used as an additive polyol in flame lamination grade of slabstock. It is also used in the manufacture of adhesives, coatings, cast elastomers and similar polyurethane products.

#### Storage and Handling

BEXTER 1752 is slightly hygroscopic and should therefore be stored under cool and dry conditions at 25 – 35 °C. Even under these conditions BEXTER 1752 absorbs small quantities of atmospheric moisture. Partially used drums should be properly resealed before keeping for extended storage.

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#### **Health and Safety**

BEXTER 1752 is physiologically harmless.

This product is not particularly dangerous for health. In any case is suggested to observe following precautions:-

- To wear appropriate protection for body and eyes
- The working room must be ventilated
- In case of contact with skin or eyes to wash accurately with clean water and if sprayed on eyes ask for medical intervention.
- To absorb eventual losses with sand or sawdust.

Polyurethanes produced from this product may present a fire hazard in certain applications if exposed to fire and/or excessive heat and oxygen, e.g., welding and cutting torches.

Expanded Polymer Systems Pvt. Ltd. guarantees that its products are of the highest quality provided that the conditions recommended in the present instructions are carried out regarding their conservation, maintenance and use.

The high quality of Expanded Polymer Systems Pvt. Ltd. products does not exonerate the Buyer-User from making his own checks as to the suitability of the product.

Expanded Polymer Systems Pvt. Ltd. will not stand responsible for any emerging problems occurring in the eventual transformation of its products which is taken at the risk of the buyer-user, therein including possible disputes regarding the patents of third parties.

#### **Shelf Life**

Shelf life under specified storage conditions is 6 months.

#### **Packaging**

210 kg net in steel drums