

BEXTER – 31

ALIPHATIC POLYESTER POLYOL

Description

BEXTER 31 is a standard saturated polyester polyol which, when used in microcellular elastomer formulations provides good flex resistance and mechanical properties.

Typical Properties

Appearance	Visual	Soft Liquid
Hydroxyl number	mg KOH/g	56 ± 2
Acid Number	mg KOH/g	< 0.5
Water content	% by weight	< 0.08
Viscosity at 25°C	cP	9500 ± 1500
Specific Gravity at 50°C		1.16 ± 0.03

Applications

BEXTER 31 is a general purpose polyester polyol specially designed to be used as an intermediate in the manufacture of shoe soles, adhesives, coatings, thermoplastic as well as cast elastomers and similar polyurethane products.

Storage and Handling

BEXTER 31 is slightly hygroscopic and should therefore be stored under cool and dry conditions at 25 – 35 °C. Even under these conditions BEXTER 31 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 31 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