

## Isodur DA-L

### Material Definition

**Appearance:** Colorless to slightly turbid liquid

**NCO content of the solution:** 20.0 ± 1%

**Viscosity:** 3,000 ± 600 mPa·s (23°C)

**Density:** Approx. 1.16 g/ml

**Monomeric HDI:** <0.10%

**Flash point:** 215°C

### Application

Isodur DA-L is intended for PU water-based resin applications, adhesives, paints, and coatings.

It acts as a crosslinking agent for aqueous polymer dispersions such as polyurethane, polyvinyl acetate, polyacrylate, and synthetic rubber dispersions.

Crosslinking improves resistance to heat, water, plasticizers, and solvents.

### Usage Information

**Added ratio:** 3-10% by weight for 100 pbw adhesive dispersion with 40-60% polymer content

**Initial bond strength:** Medium

**Final bond strength:** Perfect

**Immediate peel strength:** Medium

**Final peel strength:** Perfect

**Heat resistance:** Good

**Yellowing/discoloration resistance:** Perfect

**Oil resistance:** Good

## Handling, Storage, and Packaging

The processing and use of Isodur DA-L require adequate technical and professional knowledge.

Please consult the safety data sheet and observe local safety regulations.

Isodur DA-L must be stored in its sealed original containers at temperatures between 0 and 30°C.

The product is highly moisture-sensitive, reacting with water to form carbon dioxide and insoluble ureas, which may lead to dangerous pressure buildup in sealed containers.

Always keep tightly closed and prevent moisture ingress.

Properly stored, the product remains stable for a minimum of six months.

### **Available pack sizes for Isodur DA-L:**

- 0.8kg Aluminium bottles
- 60 kg metal canisters
- 180 kg drums

## Regulatory Information

**EU REACH registered:** N/a

## Availability

- Americas (United States, Canada, South America)
- APAC (Asia-Pacific)
- ANZ (Australia, New Zealand)
- EU (European Union)
- PRC (People's Republic of China)
- UK (United Kingdom)

## Disclaimer / Conditions

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Stated storage and shelf life times are minimum guaranteed values for a period starting on the day of shipment. After this period has expired, the product requires additional quality control testing but may very well still be within specification. For more information, refer to our [Shelf Life Policy \(/info/shelflife\)](#).

For updates on product information, please check this web page regularly:  
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