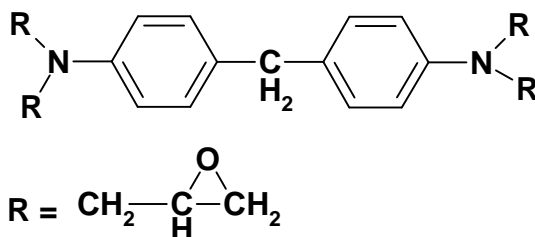


Advanced Materials**Araldite[®] MY 721*****A Low Viscosity Multifunctional Epoxy Resin****GENERAL**

Araldite[®] MY 721 is a low viscosity tetrafunctional epoxy resin suitable for high performance composites applications. Cured @ 120 °C to 175 °C, Araldite[®] MY 720 provides outstanding performance characteristics at elevated temperatures. When post-cured @ 200 °C, the system exhibits properties in excess of 220 °C.

CHEMICAL DESCRIPTION

N,N,N',N'-Tetraglycidyl-4,4'-methylenebisbenzenamine

CHEMICAL STRUCTURE**ADVANTAGES**

- Low viscosity for processing temperature
- Exceptionally good long-term high temperature performance
- High mechanical strength retention
- Extremely low shrinkage
- Excellent chemical resistance
- Excellent radiation stability
- Outstanding heat resistance and deflection temperature

APPLICATIONS

- Advanced (carbon and boron fiber) composites structures
- High performance structural adhesives
- Structural laminating
- High energy radiation resistance components

TYPICAL PROPERTIES

(ARE BASED ON HUNTSMAN'S TEST METHODS. COPIES ARE AVAILABLE UPON REQUEST)

| | |
|------------------------------------|---------------------|
| Visual Appearance | Clear, brown liquid |
| Epoxy Value, eq./kg | 8.6-9.1 |
| Epoxy Equivalent, g/eq. | 109-116 |
| Viscosity @ 50 °C, mPa s (cPs) | 3.000-6.000 |
| Density @ 25 °C, g/cm ³ | 1.15-1.18 |
| Flash Point, Closed Cup, °C | >149 |

* In addition to the brand name product denomination may show different appendices, which allows us to differentiate between our production sites: e.g., BD = Germany, US = United States, IN = India, CI = China, etc.. These appendices are in use on packaging, transport and invoicing documents. Generally the same specifications apply for all versions. Please address any additional need for clarification to the appropriate Huntsman contact.

PACKAGING & STORAGE

Araldite® MY 721 is available in a 65 Kg metal drum and can be stored for a minimum of two years from date of manufacture when stored at or below 5°C.

HANDLING PRECAUTIONS**Personal hygiene**

Safety precautions at workplace

| | |
|------------------------|--------------------------------------|
| protective clothing | yes |
| gloves | essential |
| arm protectors | recommended when skin contact likely |
| goggles/safety glasses | yes |

Skin protection

| | |
|----------------------|-------------------------------------|
| before starting work | Apply barrier cream to exposed skin |
| after washing | Apply barrier or nourishing cream |

Cleansing of contaminated skin

Dab off with absorbent paper, wash with warm water and alkali-free soap, then dry with disposable towels. Do not use solvents

Disposal of spillage

Soak up with sawdust or cotton waste and deposit in plastic-lined bin

Ventilation

| | |
|---------------|--|
| of workshop | Renew air 3 to 5 times an hour |
| of workplaces | Exhaust fans. Operatives should avoid inhaling vapours |

FIRST AID

Contamination of the eyes by resin, hardener or mix should be treated immediately by flushing with clean, running water for 10 to 15 minutes. A doctor should then be consulted.

Material smeared or splashed on the skin should be dabbed off, and the contaminated area then washed and treated with a cleansing cream (see above). A doctor should be consulted in the event of severe irritation or burns. Contaminated clothing should be changed immediately.

Anyone taken ill after *inhaling* vapours should be moved out of doors immediately.

In all cases of doubt call for medical assistance.

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