

**Advanced Materials****Araldite® LT 1522\*****EPOXY / CTBN THERMOSET RESIN**

---

<b>GENERAL</b>	Araldite® LT 1522 is a type 4 epoxy / CTBN modified thermoset resin.		
<b>CHEMICAL DESCRIPTION</b>	Epoxy resin type 4 modified with carboxylic-terminated butadiene-acrylonitrile copolymer.		
<b>APPLICATIONS</b>	<ul style="list-style-type: none"><li>• Adhesive</li><li>• Prepreg</li><li>• Molding</li></ul>		
<b>ADVANTAGES</b>	<ul style="list-style-type: none"><li>• Room temperature stable</li><li>• Solid resin</li><li>• Good toughness</li></ul>		
<b>TYPICAL PROPERTIES</b> ARE BASED ON HUNTSMAN'S TEST METHODS. COPIES ARE AVAILABLE UPON REQUEST	Visual Appearance	Amber solid	
	Softening Point (Ring and Ball)	90 - 110	[°C]
	Epoxy index (ISO 3001)	0.55 - 0.64	[Eq/kg]
	Epoxy Equivalent (ISO 3001)	1562 - 1820	[g/Eq]
<b>PACKAGING &amp; STORAGE</b>	Araldite® LT 1522 is supplied in 88 pound fiber drums. Store in sealed containers at 65°F or below. Keep containers closed to prevent moisture absorption and contamination.		

---

\* 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.

---

**HANDLING  
PRECAUTIONS****Personal hygiene**

---

*Safety precautions at workplace*

protective clothing	yes
gloves	essential
arm protectors	recommended when skin contact likely
<u>goggles/safety glasses</u>	<u>yes</u>

---

*Skin protection*

before starting work	Apply barrier cream to exposed skin
<u>after washing</u>	<u>Apply barrier or nourishing cream</u>

---

*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
<u>of workplaces</u>	<u>Exhaust fans. Operatives should avoid inhaling vapours</u>

---

**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.

---

**IMPORTANT LEGAL NOTICE**

Huntsman Advanced Materials warrants only that its products meet the specifications agreed with the user. Typical properties, where stated, are to be considered as representative of current production and should not be treated as specifications.

The manufacture of materials is the subject of granted patents and patent applications; freedom to operate patented processes is not implied by this publication.

While all the information and recommendations in this publication are, to the best of Huntsman Advanced Material's knowledge, information and belief, accurate at the date of publication, NOTHING HEREIN IS TO BE CONSTRUED AS A WARRANTY, WHETHER EXPRESS OR IMPLIED, INCLUDING BUT WITHOUT LIMITATION, AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. IN ALL CASES, IT IS THE RESPONSIBILITY OF THE USER TO DETERMINE THE APPLICABILITY OF SUCH INFORMATION AND RECOMMENDATIONS AND THE SUITABILITY OF ANY PRODUCT FOR ITS OWN PARTICULAR PURPOSE.

The behaviour of the products referred to in this publication in manufacturing processes and their suitability in any given end-use environment are dependent upon various conditions such as chemical compatibility, temperature, and other variables, which are not known to Huntsman Advanced Materials. It is the responsibility of the user to evaluate the manufacturing circumstances and the final product under actual end-use requirements and to adequately advise and warn purchasers and users thereof.

Products may be toxic and require special precautions in handling. The user should obtain Safety Data Sheets from Huntsman Advanced Materials containing detailed information on toxicity, together with proper shipping, handling and storage procedures, and should comply with all applicable safety and environmental standards.

Hazards, toxicity and behaviour of the products may differ when used with other materials and are dependent on manufacturing circumstances or other processes. Such hazards, toxicity and behaviour should be determined by the user and made known to handlers, processors and end users.

Except where explicitly agreed otherwise, the sale of products referred to in this publication is subject to the general terms and conditions of sale of Huntsman Advanced Materials LLC or of its affiliated companies including without limitation, Huntsman Advanced Materials (Europe) BVBA, Huntsman Advanced Materials Americas Inc., and Huntsman Advanced Materials (Hong Kong) Ltd.

Huntsman Advanced Materials is an international business unit of Huntsman Corporation. Huntsman Advanced Materials trades through Huntsman affiliated companies in different countries including but not limited to Huntsman Advanced Materials LLC in the USA and Huntsman Advanced Materials (Europe) BVBA in Europe.

Araldite is a registered trademark of Huntsman Corporation or an affiliate thereof.

Copyright © 2007 Huntsman Corporation or an affiliate thereof. All rights reserved.

Main Office :  
**Huntsman Advanced Materials (Switzerland) GmbH**  
Klybeckstrasse 200  
4057 BASEL  
Switzerland  
+41 61 966 3333