

Epoxy / CTBN Thermoset Resin Araldite LT 1522



Advanced Materials
Structural Composites

DATA SHEET


Araldite® LT 1522*
Epoxy / CTBN Thermoset Resin

General	Araldite® LT 1522 is a type 4 epoxy / CTBN modified thermoset resin.		
Chemical Description	Epoxy resin type 4 modified with carboxylic-terminated butadiene-acrylonitrile copolymer.		
Applications	<ul style="list-style-type: none"> • Adhesive • Prepreg • Molding 		
Advantages	<ul style="list-style-type: none"> • Room temperature stable • Solid resin • Good toughness 		
Typical Properties (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]
Packaging & Storage	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. 6D = 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.

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Handling precautions	<p>Mandatory and recommended industrial hygiene procedures should be followed whenever our products are being handled and processed. For additional information please consult the corresponding product safety data sheets and the brochure "Hygienic precautions for handling plastics products".</p> <p>Personal hygiene</p> <p><i>Safety precautions at workplace</i></p> <table border="0"> <tr> <td>protective clothing</td> <td>yes</td> </tr> <tr> <td>gloves</td> <td>essential</td> </tr> <tr> <td>arm protectors</td> <td>recommended when skin contact likely</td> </tr> <tr> <td>goggles/safety glasses</td> <td>yes</td> </tr> </table> <p><i>Skin protection</i></p> <table border="0"> <tr> <td>before starting work</td> <td>Apply barrier cream to exposed skin</td> </tr> <tr> <td>after washing</td> <td>Apply barrier or nourishing cream</td> </tr> </table> <p><i>Cleansing of contaminated skin</i></p> <p>Dab off with absorbent paper, wash with warm water and alkali-free soap, then dry with disposable towels. Do not use solvents</p> <p><i>Disposal of spillage</i></p> <p>Soak up with sawdust or cotton waste and deposit in plastic-lined bin</p> <p><i>Ventilation</i></p> <table border="0"> <tr> <td>of workshop</td> <td>Renew air 3 to 5 times an hour</td> </tr> <tr> <td>of workplaces</td> <td>Exhaust fans. Operatives should avoid inhaling vapours</td> </tr> </table>	protective clothing	yes	gloves	essential	arm protectors	recommended when skin contact likely	goggles/safety glasses	yes	before starting work	Apply barrier cream to exposed skin	after washing	Apply barrier or nourishing cream	of workshop	Renew air 3 to 5 times an hour	of workplaces	Exhaust fans. Operatives should avoid inhaling vapours
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First aid	<p>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.</p> <p>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.</p> <p>Anyone taken ill after <i>inhaling</i> vapours should be moved out of doors immediately.</p> <p>In all cases of doubt call for medical assistance.</p>																
Note	<p>Araldite® is a registered trademark of Huntsman LLC or an affiliate thereof in one or more countries, but not all countries.</p>																

<p>Huntsman LLC Registered trademark</p> 	<p>IMPORTANT: The following supersedes Buyer's documents. SELLER MAKES NO REPRESENTATION OR WARRANTY, EXPRESS OR IMPLIED, INCLUDING OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. No statements herein are to be construed as inducements to infringe any relevant patent. Under no circumstances shall Seller be liable for incidental, consequential or indirect damages for alleged negligence, breach of warranty, strict liability, tort or contract arising in connection with the product(s). Buyer's sole remedy and Seller's sole liability for any claims shall be Buyer's purchase price. Data and results are based on controlled or lab work and must be confirmed by Buyer by testing for its intended conditions of use. The product(s) has not been tested for, and is therefore not recommended for, uses for which prolonged contact with mucous membranes, abraded skin, or blood is intended; or for uses for which implantation within the human body is intended.</p>
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