

Light Electrical

Araldite® CY 223

® Araldite Casting Resin System

Modified, epoxy resin containing reactive diluent

Viscosity (Hoeppler)	at 25°C	mPa s	400-600	Product data (Guideline values)
Specific gravity	at 25°C	g/cm ³	1.14	
Epoxy content		Eq/kg	6.1-6.4	

As supplied form	Clear, pale yellow liquid
Hazardous decomposition products	Carbon monoxide, carbon dioxide if burned
Disposal	Regular procedures approved by national and/or local authorities

Low initial viscosity
High filler addition possibility

Properties

Mix ratio	Parts by weight	
Araldite CY 223	100	100
Hardener HY 842	60	—
Hardener HY 956	—	30

**Key datas with
Hardener HY 842 and
Hardener HY 956**

Initial viscosity (Hoeppler)	at 25°C	mPa s	500	450
Pot life up to 3000 mPa s	at 25°C	min	110	65
Minimum curing time	at 25°C	h	30	24
	at 40°C	h	12	8
	at 60°C	h	6	3

Store the components in a dry place at 18-25°C, in tightly sealed original containers. Under these conditions, the shelf life will correspond to the expiry date stated on the label. After this date, the product may be processed only after reanalysis. Partly emptied containers should be tightly closed immediately after use.

Storage

For information on waste disposal and hazardous products of decomposition in the event of a fire, refer to the Material Safety Data Sheets (MSDS) for these particular products.

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Industrial hygiene

Mandatory and recommended industrial hygiene procedures should be followed whenever our products are being handled and processed. For additional information please consult the corresponding Safety Data Sheets and the brochure "Hygienic precautions for handling plastics products".

Handling precautions	Safety precautions at workplace:	
	protective clothing	yes
	gloves	essential
	arm protectors	recommended when skin contact likely
	goggles/safety glasses	yes
	respirator/dust mask	no
	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
	Clean shop requirements	Cover workbenches, etc. with light coloured paper Use disposable breakers, etc.
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 workplace	Exhaust fans. Operatives should avoid inhaling vapours.	

First Aid

Contamination of the **eyes** by resin, hardener or casting 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.

Note

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