

Heavy Electrical

Ancillary Products

**Mould Release Agent
QZ 66**

NEW !

SOLVENT-FREE

The pre-treatment of moulds and models in order to ensure easy demoulding of cold or hot cured [®]Araldite epoxy resin castings, mouldings or laminates.

Applications

Mould Release Agent QZ :
brush, rag, spray gun or vaporiser

Method of application

Solvent-free mould release agent

Properties

Improved working hygiene, little volatile content
Optimum release effects
Enables precise reproduction of surface detail, contours
Allows smooth demoulding at mould temperatures up to 250°C
Little amount needed for good release
Fast drying times
Low mould build-up
Does not corrode [®]Araldite epoxy or metal moulds
Multiple demould

The usual fire precautions should be taken whenever it is stored or handled

Handling precautions

Mould Release Agent QZ 66	A low-viscosity silicone oil			
	Viscosity		mPa s	~ 17
	Specific gravity		g/cm ³	~ 0.95
	Flash point	DIN 53213	°C	99
	Refraction index		at 20°C	1.396 - 1.412
	Appearance			colourless liquid, clear
	Supplied form		liquids, in cans	
	Storage in sealed can at 6 - 28 °C		see expire date on original container	
	Shelf-life in sealed can		12 months - see expire date on package label	
	Hazardous decomposition		consult Material Safety Data Sheet	
	Disposal		regular procedures approved by national and/or local authorities	
	Industrial hygiene		consult "Safety Data Sheet" of product	

Processing

General

Mould Release Agent QZ 66 allows trouble-free demoulding of epoxy resin castings, mouldings and laminates. A brush, rag, spray gun or vaporiser is used to apply the thinnest possible layer to the surface of moulds or models.

A single application of Mould Release Agent QZ 66 is enough to allow ready demoulding of several cold or hot curing Araldite epoxy castings. Nevertheless, we recommend to apply a fresh layer of mould release after each demoulding operation.

Detailed information on the applications and processing of Araldite casting and impregnating resin systems as well as Araldite epoxy resin systems for tooling is given in the Instruction Sheets covering the various products.

Treatment of non-porous mould materials

Mould Release Agent QZ 66 should be applied as a very thin layer to the preheated surfaces of steel or aluminium alloy moulds.

Thin layers offer several advantages:

- precise reproduction of surface details
- glossy casting surfaces when polished moulds are used
- better results at lower release agent cost
- non corrosion of mould or only very gradual soiling of moulds due to build-up of release agent residues

Mould Release Agent QZ 66 gives satisfactory results at mould temperatures ranging up to 250°C.

Direct skin contact with Mould Release Agent QZ 66 should be avoided. Mandatory and recommended industrial hygiene procedures should be followed when-ever our products are being handled and processed. For additional information please consult the corresponding Safety Data Sheets.

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	recommended
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, casting mix or release agent 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.

Huntsman LLC
® Registered trademark



All recommendations for use of our products, whether given by us in writing, verbally, or to be implied from results of tests carried out by us are based on the current states of our knowledge. Notwithstanding any such recommendations the Buyer shall remain responsible for satisfying himself that the products as supplied by us are suitable for his intended process or purpose. Since we cannot control the application, use or processing of the products, we cannot accept responsibility therefor. The Buyer shall ensure that the intended use of the products will not infringe any third party's intellectual property rights. We warrant that our products are free from defects in accordance with and subject to our general conditions of supply.