

Material Safety Data Sheet

Side I (4)

Product name:	E-Beam Resist Series AR-P 632 - 672		
Synonyms:	Liquid Positive E-Beam Resist	Date:	01/07/2009
Producer:	Allresist GmbH - Germany	Last revision:	25/01/2010

I. Product- and company name

I.1. Product name

E-Beam Resist Series AR-P 632 - 672

I.2. Company

Allresist GmbH

Am Biotop 14

15344 Strausberg

Germany

Phone: 0049 / 3341 / 3593 - 0

Fax: 0049 / 3341 / 3593 - 29

E-mail : info@allresist.de

2. Ingredient

Content (%)	CAS-number	sign	R-set	Compound	_____
(1) 100	100-66-3		10	Anisole	

Additional remarks:

Polymethylmethacrylate dissolved in a mixture of organic solvents

3. Possible hazards

- R 10 Flammable.

4. Emergency and First Aid Procedures

Inhalation: Move victim to fresh air. Consult physician if irritation occurs.

Skin contact: Remove and isolate contaminated clothing and shoes. Flush skin with running water. Wash affected areas using mild soap.

Eye contact: Flush the eye and under lids with warm water for 15 minutes (remove contact lenses). Get emergency medical assistance.

Ingestion: Flush mouth and drink many water. Get medical attention immediately.

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5. Special fire fighting procedures

Evacuate area of all non-emergency personnel. Fire fighter must wear full emergency equipment with self-containing breathing apparatus. Fight fire from upwind and cool intact containers with water spray or stream at maximum range. Heat may build up and containers may rupture spreading fire and increasing risk of injury. Burning liquid may float on water.

6. Accidental Release Procedures

Remove all sources of ignition. Ventilate area. Avoid skin and eye contact. Use respiratory protection. Absorb with inert materials such as dry clay or sand and place in closed container for disposal.

Waste disposal method: Incineration recommended. Dispose of as a solid industrial waste (non hazardous) in accordance with local, federal and state regulations.

7. Handling and storage

7.1. Handling

Flammable liquid. Keep away from heat sparks and flame. Room ventilation.

Transport and store under dry conditions tightly closed and protected from light.

Avoid contact with skin, eyes and clothing. Safety eye wear to protect against splashes. Wear rubber gloves. Have safety shower and eye wash available.

7.2. Storage

Store at 10 - 22°C (50 – 71.6°F)

Store in original container

Storage class: 3 A

8. Occupational exposure limits

not applicable

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Side 3 (4)

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9. Physical and chemical data

Form:	liquid	
Dye:	colourless	
Odour:	aromatic	
Melting point:	- 37°C	(- 77°F)
Boiling point:	156°C	(309°F)
Flash point:	43°C	(115°F)
Ignition point:	475°C	(752°F)
Flammable limits:	Lower 0.34 Vol.-%,	Upper 6.3 Vol.-%
Vapour pressure:	at 20 °C	3.5 mbar
Density:	about	0,99 g/ml
Solubility in water:	at 20 °C	1.6 g/l
Soluble in the most organic solvents		

10. Stability and reactivity

Chemical stability:	Stable
Hazardous polymerisation:	will not occur
Conditions to avoid:	Contact with oxidising material Ignition sources
Reactions with materials:	Attacks some plastics

11. Toxicology

LD.50 (oral, rat):	3700 mg/kg,
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12. Ecological Data

No data available at this time.

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Side 4 (4)

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13. Disposal Considerations

Burn in an EPA-licensed chemical incinerator equipped with an afterburner and scrubber at an approved waste disposal facility. Observe all federal, state and local environmental regulations.

14. Transportation information

14.1. Land transport	Class:	3 (Flammable liquid)
	UN-number:	UN 2222
	Packing Group:	III
	Code:	FI
	Proper Shipping Name:	Anisole solution
14.2. Air transport	Class:	3 (Flammable liquid)
	UN-number:	UN 2222
	Packing Group:	III
	Packing prescription:	309/310
	Proper Shipping Name:	Anisole solution

15. Regulations

Marks and description according to EU-guidelines

R-set

R 10 Flammable.

S-set

S 16 Keep away from sources of ignition - No smoking.
S 24 Avoid contact with skin.

16. Additional Precautions and comments

To the best of our knowledge, the above information is believed to be accurate but does not claim to be all-inclusive and is intended to be used only as a guide. The supplier makes no warranty of any kind, expressed or implied, concerning the use of this product and shall not be held liable for any damage resulting from handling or from contact with the above product. User assumes all risks incident to its use.