

SAFETY DATA SHEET according to 91/155/EWG**VARNISH A 100**

ACRYLIC VARNISH

1. MANUFACTURER / PRODUCT IDENTIFICATION

Trade name:	Varnish A 100
Manufacturer / supplier:	RC TRITEC AG Speicherstrasse CH-9053 Teufen ☎ 0041 71 335 73 73 ☎ 0041 71 335 73 74 admin@rcritec.com www.rcritec.com
Emergency information:	☎ 0041 71 335 73 73
Toxicological information:	☎ 0041 1 251 51 51

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterization:	Acryl-Copolymer solution in substances as below with not dangerous additions.		
Dangerous ingredients:	CAS-Nr.	Designation	% (w/w)
	112-07-2	2-Butoxyethyl-acetate	max. 45
	64742-95-6	Solventnaphta	max. 25
	1330-20-7	Xylene	max. 20
Symbols:	Xn, N, F		

3. HAZARD IDENTIFICATION

R 11	Highly flammable.
R 20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R 36/37/38	Irritating to eyes, respiratory system and skin.
R 41	Risk of serious damage to eyes.
R 51/53	Toxic to aquatic organisms, may cause long-term adverse effects in aquatic environment.
R 65	Harmful: may cause lung damage if swallowed.

4. FIRST AID MEASURES

General:	S 45, in case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
Inhalation:	If inhaled immediately fresh air, seek medical advice.
Ingestion:	S 46, if swallowed, seek medical advice immediately and show this container or label.
Eye contact:	S 26, in case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Skin contact:	S 27, take off immediately all contaminated clothing.

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5. FIRE-FIGHTING MEASURES

Suitable media:	CO ₂ , foam, dry powder.
Unsuitable media:	Sharp water jet.
Special hazard identification:	S 41, in case of fire and / or explosion do not breathe fumes.
Special protective clothing:	Protective clothing, breathe-protection.

6. ACCIDENTAL RELEASE MEASURES

Personal precaution:	Avoid contact, avoid breathing of vapours.
Environmental precautions:	Do not leave in canalisation, ground and water.
Method for cleaning / collecting:	Soak up with inert solids as silica (absorption media).

7. HANDLING AND STORAGE

Handling:	S 16, S 51, Keep away from sources of ignition - no smoking, use only well ventilated areas.
Storage:	S 3/9/49, Keep only in the original container in a cool well ventilated place.
Storage temperature:	+5° to +25°C

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Respiratory protection:	S 38, if insufficient ventilation breath-protection.
Hand protection:	Protective gloves.
Eye protection:	Use safety glasses.
Body / skin protection:	Wear working clothes.
Protection- and hygiene measures:	S 13, Keep away from food, drinks and animal feeding stuffs. S 27, Take off immediately all contaminated clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form / colour:	liquid / colourless	Flash point:	ca. 25°C
Odour:	aromatic	Auto flammability:	ca. 270°C
pH-value:	not applicable	Critical values for explosion:	ca. 0.6 – 11.2 %
Boiling point / range	:> 120°C	Vapour pressure:	max. 13 hPa (20°C)
Melting point / range:	not applicable	Solubility:	insoluble in water

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10. STABILITY AND REACTIVITY

Conditions to be avoided:	No decomposition when used as directed.
Materials to be avoided:	No, when used as directed, may react with strong oxidisers.
Hazardous decomposition products:	Thermal decomposition or burning may release oxides of carbon and other toxic gases or vapours.

11. TOXICOLOGICAL INFORMATION

LD ₅₀ , rat, oral	Not determined.
R 20/21/22	Harmful by inhalation, in contact with skin and if swallowed
R 36/37/38	Irritating to eyes, respiratory system and skin.
R 41	Risk of serious damage to eyes.
R 65	Harmful: may cause lung damage if swallowed.

12. ECOLOGICAL INFORMATION

Mobility :	Highly volatile.
Water danger class:	Not determined, do not leave in canalisation.
R 51/53	Toxic to aquatic organisms, may cause long-term adverse effects in aquatic environment.
Decomposition:	Biologic less decomposable.
AOX-Indication:	Contains no halogenated substances.

13. DISPOSAL CONSIDERATIONS

Originally packed material back to the supplier, disposal of waste in accordance with local, state and federal regulations.

Recommended cleaning-substance: Dilutor from the A series or acetone.

14. TRANSPORT INFORMATION

	Class	Un/ID-Number	Packing Group
Land ADR/RID:	3	1263	III
Sea IMDG-CODE:	3.3	1263	III
Air IATA/ICAO-DGR:	3	1263	III

Mail dispatch: In accordance with local, state and federal regulations.

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15. REGULATORY INFORMATION

Classification / labelling (EC):	Xn, N, F, harmful, ecologically harmful, highly flammable.
R 11	Highly flammable.
R 20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R 36/37/38	Irritating to eyes, respiratory system and skin.
R 41	Risk of serious damage to eyes.
R 51/53	Toxic to aquatic organisms, may cause long-term adverse effects in aquatic environment.
R 65	Harmful: may cause lung damage if swallowed.
S 2	Keep out of the reach of children.
S 16	Keep away from sources of ignition - no smoking.
S 23	Do not breathe vapour.
S 24/25	Avoid contact with skin and eyes.
S 29	Do not empty into drains.
S 36/37	Wear suitable protective clothing and gloves.
Classification / labelling (CH):	Poison class 4, do not ingest, do not breath vapour. Not a public product.
BAG T Nr.	619004

16. OTHER INFORMATION

MSDS:	according to 91/155/EWG
Classification / labelling:	according to 1999/45/EG

The information in this material safety data sheet was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness.

Teufen, 10.04.2001/LM