

EU-SAFETY DATA SHEET appropriate 93/155/EWG

Date of authoring: 15/08/2001, date of revision: 27.01.2005
RHENOCOLL-Kompetenz-Centrum, Erlenhöhe 20, D-66871 Konken



Name : Propellerleim Härter F01
Color tone :
Gloss :
Trade name : Propellerleim Härter F01

Information giving area : Rhenocoll
Telephone : 06384/9938-110
Emergency information :
Emergency number : 06384/9938-110

Intended purpose

Hardener for cold glues for wood

2. Composition / Declarations for components

CAS-no.	EG-no.	name	%- weight	symbols	R-phrases
7784-27-2	236-751-8	Aluminiumnitrat-9-hydrat	< 10	X1,0	8,36/38

3. Hazards identification

HAZARD DESIGNATION:

SPECIFIC DANGER HINTS FOR HUMANS AND ENVIRONMENT:

Irritating to eyes and skin.

4. First aid measures

GENERAL HINTS:

INHALATION:

Fresh air supply.

CONTACT WITH SKIN:

Remove contaminated, saturated clothing immediately. Wash wetted skin thoroughly
Or use a suitable cleansing agent. Do not use solvents or thinners!

CONTACT WITH EYES:

Keep eyelids open and wash with a plenty of clean, flowing water for at least 10
minutes; consult medical advice.

IF SWALLOWED:

If swallowed, consult a doctor immediately!

5. Fire-fighting measures

GENERAL HINTS:

Product itself does not burn. Coordinate extinguishing measures on surrounding fire.

SUITABLE EXTINGUISHING AGENTS:

FOR SAFETY REASONS UNSUITABLE EXTINGUISHING AGENTS:

SPECIAL EXPOSURE HAZARDS ARISING FROM THE SUBSTANCE OR PREPARATION ITSELF,
COMBUSTION PRODUCTS, RESULTING GASES:

SPECIAL PROTECTIVE EQUIPMENT:

6. Accidental release measures

PERSONAL PRECAUTIONS:

Note safety instructions (see chapter 7 and 8).

POLLUTION CONTROL MEASURES:

Do not empty into drains. In case of pollution of rivers, lakes or sewers
inform in each case the responsible authorities correspondingly to the local laws.

METHODS FOR CLEANING UP / ADMISSION:

Isolate overflowed material with incombustible absorbent means (e.g. sand, soil, kieselguhr, vermiculate) and collect it for disposal in provided receptacles according to local assignments. Preferably clean with cleanser, as possible do not use solvent.

7. Handling and storage

HANDLING

HINTS FOR SAFE HANDLING:

Avoid contact with eyes and skin. Do not inhale spray mist. Do not eat, drink or smoke at work. Follow personal safety equipment, see paragraph 8 of legal safety and security instructions.

HINTS FOR PROTECTION AGAINST FIRE AND EXPLOSION:

STORAGE:

REQUIREMENTS FOR STORAGE ROOMS AND CONTAINERS:

Keep container tightly closed.

HINTS FOR STORAGE ASSEMBLY:

FURTHER INFORMATION FOR STORAGE CONDITIONS:

Do always store in containers which correspond to the original unit.

Note hints on the label. Storage temperature between 5° C and 25° C.

Defend from heat and direct sunbeam.

Storage class: 12

8. Exposure limit and personal safety equipment

TECHNICAL SAFETY MEASURES:

Components with work station oriented limits which must be observed

CAS-nr.	Substance name	value	EH	kind
---------	----------------	-------	----	------

Personal protection equipment

RESPIRATORY PROTECTION:

HAND PROTECTION:

Wear protective gloves.

EYE PROTECTION:

Wear protection glasses.

PROTECTIVE CLOTHING:

Wash skin thoroughly immediately after contact.

9. Physical and chemical properties

Chemical characterization

Flammability	:	Appearance	:	viscous
Oxidizing	:	Odour	:	sort typical

Explosive properties:

	value	unit	method
Flash point	:	Gr C	DIN 53213
Viscosity	:(20 Gr C) approx. 12	sec	ISO 2431-1984
Density	:(20 Gr C) approx. 1,0680	g/cm3	DIN 53217
Lower explosion limit	:	Vol %	
Upper explosion limit	:	Vol %	
Water solubility	:	miscible	
Solvent content	:	0,00 %	
pH-value	:		
Boiling point/ range	:	Gr C	
Melting point/ range	:	Gr C	
Vapour pressure	:(20 Gr C)	HPa	
Solvent separation test:			

10. Stability and reactivity

CONDITIONS TO AVOID:

For storage and handling stable when using recommended instructions. (see paragraph 7).

MATERIALS TO AVOID:

HAZARDOUS DECOMPOSITION PRODUCTS:

No hazardous decomposition products if stored and handled as prescribed.

11. Toxicological information

If proper use no damages have to be expected according to the stand of our current knowledge.

12. Ecological information

Water hazardous liquid. Product may not get into waste water or ground water.

13. Disposal consideration

PRODUCT

Advice: Do not empty into drains.

EUROPEAN WASTE CATALOGUE: key numbers according to European waste catalogue (EAK defined referring to origin. As this product is used in several industry lines, no key number can be given by the manufacturer. The key number has to be found out on arrangement with your disposer or the responsible authority.

CONTAMINATED PACKAGES:

ADVICE:

Empty packages can be disposed according to the local magisterial prescriptions.

14. Transport information

GGVSee/IMDG-Code : UN-NR : ICAO/IATA :

GGVE/GGVS : not applicable ADR/RID : ADNR :

Further information

Transport only according to the transport regulations for road (ADR), rail (RID), Sea (IMDG) and air (ICAO/IATA).

15. Regulatory information

General warnings

R-phrases : 36/38

S-phrases : 26

R- / S-phrases texts

Irritating to eyes and skin.

In case of contact with eyes rinse immediately with plenty of water and seek medical advice.

VBF : does not apply

WGK (self classification) : 1

16. Other information

The information of this MSDS is based on the present state of our knowledge and on current EU laws. The given work conditions of the user is beyond our knowledge and control. The user is responsible for the observance of all necessary legal determinations.

It is meant as a description of the safety requirements of our product: it is Not to be considered as a guarantee of the products` properties.

16.1 Relevant R-phrases

R 8	Contact with combustible material may cause fire
R 36	Irritating to eyes.
R 38	Irritating to skin.
