

Trade name: Alu-Tray handles
Safety data sheet in accordance with 91/155/EEC
 Date of printing : 22.02.2005

01. Identification

01.01 Product details	
01.01.01. Trade name	Alu-Tray handles
01.02. Identification of the manufacturer	
01.02.01. Address	ERKODENT Erich Kopp GmbH, Siemensstr. 3, D-72285 Pfalzgrafenweiler
01.02.02. Information provided by	Chemie
01.02.03. Telephone number	Tel.: (+49) (0) 7445 / 85 01 - 0, Fax: (+49) (0) 7445 / 20 92
01.02.04. Emergency telephone number :	

02. Composition/information on ingredients

02.01. Chemical characterization	Aluminium Al
02.02. Substance / product identification	-
02.03. Hazardous ingredients	-
02.04. Additional information	-

03. Hazards possibilities

03.01. Hazard designation	-
03.02. Particular information pertaining specific risk for human / environment	-

04. First aid measures

04.01. General Information	
04.02. First aid measures / inhalation.	-
04.03. First aid measures / skin contact.	After contact with molten product cool quickly with cold water.
04.04. First aid measures / eye contact.	In case of irritation consult an oculist.
04.05. First aid measures / ingestion.	-
04.06. Advice to doctor	-

05. Fire-fighting measures

05.01. Suitable extinguishing media	extinguishing measures to suit surroundings
05.02. Extinguishing media that must not be used for safety reasons	-
05.03. Special exposure hazards arising from the substance or preparation itself, its combustion products or from resulting gases.	-
05.04. Special protective equipment for firefighting	-
05.05. Additional informations (chapter 5)	-

06. Accidental release measures

06.01. personal precautions.	-
06.02. environmental precautions.	-
06.03. methods for cleaning up/taking up.	Pick up mechanically.
06.04. Additional informations (chapter 6).	-

07. Handling and storage

07.01. Handling	
07.01.01. Hints on safe handling.	-
07.01.02. Hints for protection against fire and explosion.	-
07.02. Storage	
07.02.01. Requirements for storage rooms and vessels.	-
07.02.02. Hints on storage assembly.	-

07.02.03. Further information on storage conditions.	-
07.02.04. Storage category	-
07.02.05. Storage stability	-
07.02.06. Recommended storage temperature	-

08. Exposure controls/personal protection

08.01. Additional hints on technical system design.	-
08.02. Ingredients with occupational exposure limits to be monitored	-

08.03. Personal protective equipment Personal protective equipment Persönliche Schutzausrüstung	
08.03.01. Respiratory protection	-
08.03.02. Hand protection	-
08.03.03. Eye protection	safety glasses
08.03.04. Skin protection	-
08.03.05. General protective and hygiene measures	-

09. Physical and chemical properties

09.01. Appearance.	
09.01.01. Form	Solid substance
09.01.02. Colour	silver colours
09.01.03. Odour	odourless

09.02. Safety data	
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Changes in physical state

Melting point	670	°C	
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Flash point

	n.a.	°C	
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Ignition temperature

	n.a.	°C	
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self ignition

explosion limits	n.a.		
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Upper explosion limit	n.a.		
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Vapour pressure

	n.a.		
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Density

	2,7	g/cm ³	20 °C
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solubility

	insoluble	g/l	
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Soluble in

	n.a.	g/l	
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pH-Value

	n.a.		
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Viscosity

	n.a.		
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09.03. Other information (chapter 9.)	-
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10. Stability and reactivity

10.01. Hazardous reactions	-
10.02. Hazardous decomposition products	-
10.03. Thermal decomposition	> 2200 °C
10.04. Additional informations (chapter 10)	-

11. Toxicological information

11.01. Acute toxicity	
11.01.01. Acute oral toxicity	-
11.01.02. Acute dermal toxicity	-
11.01.03. Acute inhalational toxicity	-

11.02. Irritant/corrosive effects	
11.02.01. Irritant effect on skin	-
11.02.02. Irritant effect on eyes	-
11.03. Sensitization	-
11.04. Effects after repeated or prolonged exposition (subacute, subchronic, cronic)	-
11.08. Other information (chapter 11.)	-
11.09. Experiences made in practice.	-
11.10. General remarks.	-

12. Ecological information

12.01. Data on elimination (persistence and degradability) :	
12.01.01. Physico-chemical eliminability	Readily eliminable from water
12.01.02. Biodegradability	-
12.02. Behaviour in environment compartments.	-
12.03. Ecotoxic effect	-
12.03.01. Fish toxicity	-
12.03.02. Daphnia toxicity	-
12.03.03. Algae toxicity	-
12.03.04. Bacteria toxicity	-
12.04. Further ecological information	The product has not been tested. Because of the product's consistency and low solubility in water bioavailability is not likely.

13. Disposal considerations

13.01. Disposal considerations	
13.01.01. Disposal / product	For recycling, consult waste disposal centres.
13.01.02. Disposal / contaminated packagings.	Completely emptied packagings can be given for recycling.
13.02. Waste code no. / name of waste (for Germany only)	-

14. Transport information

14.01. Land transport ADR/RID	
14.01.01. Class	-
14.01.02. Number/letter	-
14.01.03. Hazard number (Kemler-number)	-
14.01.04. UN number	-
14.01.05. Technical name	-
14.01.06. Remarks	-
14.02. Inland waterways transport ADN/ADNR	
14.02.01. Class	-
14.02.02. Number/letter	-
14.02.03. Category	-
14.02.04. Technical name	-
14.02.05. Remarks	-
14.03. Marine transport IMDG/GGVSee	
14.03.01. Class	-
14.03.02. UN number	-
14.03.03. page	-
14.03.04. EmS	-
14.03.05. MFAG	-
14.03.06. MARINE POLLUTANT	-
14.03.07. Correct technical name	-
14.03.08. Remarks	-

14.04. Air transport ICAO/IATA	
14.04.01. Class	-
14.04.02. UN number	-
14.04.03. page	-
14.04.04. Correct technical name	-
14.04.05. Remarks	-

14.05. Other information (chapter 14.)	-
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15. Regulatory information

15.01. Labelling in accordance with GefStoffV/EC	
The product does not require a hazard warning label in accordance with EC directives/German regulations on dangerous substances.	

15.02. Other regulations	
15.02.01. Restriction of occupation.	-
15.02.02. Decree for case of interference / remarks (for Germany only).	-
15.02.03. Classification according to VbF / remarks (for Germany only).	-
15.02.04. TA-Luft (Ger.)	-
15.02.05. Water Hazard Class (Ger.)	-
15.02.06. Other regulations, restrictions and prohibition regulations (for Germany only)	-

16. Other information (chapter 16.).

Although this product does not require a hazard warning label, we recommend that the safety advice should be observed.
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(n.a. = Not applicable; n.b.= not determined)

This information is based on our present state of knowledge. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application.