

Hydropox Beschichtung Masse Weiß

Version 3.0

Revision Date 16.08.2016

Print Date 30.06.2017

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name : Hydropox Beschichtung Masse Weiß

1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of the Sub-
stance/Mixture : Mass

Recommended restrictions
on use : within adequate application - none

1.3 Details of the supplier of the safety data sheet

Company : Alligator Farbwerke GmbH
Markstraße 203
32130 Enger
Telephone : +4952249300
Telefax : +4952247881
E-mail address Responsible/issuing person : produktsicherheit@alligator.de

1.4 Emergency telephone number

Emergency telephone number 1 : +495224930400
(Mon - Fri 08:00 - 16:00)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Serious eye damage, Category 1 H318: Causes serious eye damage.

Chronic aquatic toxicity, Category 2 H411: Toxic to aquatic life with long lasting effects.

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according to Regulation (EC) No. 1907/2006, (EC) 2015/830

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2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms	:		
Signal word	:	Danger	
Hazard statements	:	H318 H411	Causes serious eye damage. Toxic to aquatic life with long lasting effects.
Precautionary statements	:	Prevention: P273 P280 Response: P305 + P351 + P338 + P310	Avoid release to the environment. Wear protective gloves/ protective clothing/ eye protection/ face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician.

Hazardous components which must be listed on the label:

aliphatic polyamidoamines

Additional Labelling:

EUH208 Contains acrylonitrile-amine-adduct, m-phenylenebis(methylamine), 3-aminomethyl-3,5,5-trimethylcyclohexylamine. May produce an allergic reaction.

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Restricted to professional users.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical nature : Epoxide-resin-based coating material, aqueous

Hazardous components

Chemical Name	CAS-No. EC-No. Registration number	Classification	Concentration (% w/w)
Aliphatische Polyamine	Not Assigned	Aquatic Acute 1; H400 Aquatic Chronic 1; H410	>= 2,5 - < 5
benzyl alcohol	100-51-6 202-859-9 01-2119492630-38-XXXX	Acute Tox. 4; H302 Acute Tox. 4; H332 Eye Irrit. 2; H319	>= 1 - < 3

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m-phenylenebis(methylamine)	1477-55-0 216-032-5 01-2119480150-50-XXXX	Acute Tox. 4; H302 Acute Tox. 4; H332 Skin Corr. 1B; H314 Skin Sens. 1; H317 Aquatic Chronic 3; H412 Eye Dam. 1; H318	$\geq 0,1 - < 0,25$
aliphatic polyamidoamines	180898-36-6	Eye Dam. 1; H318	$\geq 3 - < 5$
3-aminomethyl-3,5,5-trimethylcyclohexylamine	2855-13-2 220-666-8 01-2119514687-32-XXXX	Acute Tox. 4; H302 Acute Tox. 4; H312 Skin Corr. 1B; H314 Eye Dam. 1; H318 Skin Sens. 1; H317 Aquatic Chronic 3; H412	$\geq 0,1 - < 0,25$
acrylonitrile-amine-adduct	90530-15-7 292-053-3	Skin Corr. 1B; H314 Acute Tox. 4; H302 Acute Tox. 4; H332 Skin Sens. 1; H317	$\geq 0,1 - < 1$

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

- General advice : No hazards which require special first aid measures.
- If inhaled : If breathed in, move person into fresh air.
If symptoms persist, call a physician.
- In case of skin contact : Take off all contaminated clothing immediately.
Wash skin thoroughly with soap and water or use recognized skin cleanser.
Do NOT use solvents or thinners.
- In case of eye contact : Remove contact lenses.
Immediately flush eyes for at least 15 minutes. Get medical attention.
- If swallowed : If swallowed, DO NOT induce vomiting.
If accidentally swallowed obtain immediate medical attention.
Never give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

- Symptoms : No information available.
- Risks : No information available.

4.3 Indication of any immediate medical attention and special treatment needed

- Treatment : No information available.

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SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire-fighting : In case of fire hazardous decomposition products may be produced such as:
Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

5.3 Advice for firefighters

Further information : Standard procedure for chemical fires.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Refer to protective measures listed in sections 7 and 8.
Treat recovered material as described in the section "Disposal considerations".

6.2 Environmental precautions

Environmental precautions : Do not let product enter drains.
If the product contaminates rivers and lakes or drains inform respective authorities.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Suitable cleaning agents
Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).
Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For disposal considerations see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : Provide sufficient air exchange and/or exhaust in work rooms.

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Hygiene measures : Ensure adequate ventilation, especially in confined areas.
Avoid contact with the skin and the eyes. Remove and wash contaminated clothing and gloves, including the inside, before re-use. Keep working clothes separately. Wash hands before breaks and at the end of workday. Wash hands before eating, drinking, or smoking. Keep away from food and drink.

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7.2 Conditions for safe storage, including any incompatibilities

- | | |
|---|---|
| Requirements for storage areas and containers | : Store at room temperature in the original container. Keep in a well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. To maintain product quality, do not store in heat or direct sunlight. |
| Advice on common storage | : Keep away from oxidizing agents and strongly acid or alkaline materials. |
| Storage class (TRGS 510) | : 12, Non Combustible Liquids |
| Other data | : Do not use for spraying. |

7.3 Specific end use(s)

- | | |
|-----------------|--|
| Specific use(s) | : Please follow the technical information of the manufacturer. |
|-----------------|--|

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Personal protective equipment

- | | |
|--------------------------|---|
| Eye protection | : Tightly fitting safety goggles
German trade association rules - BGR 192 Eye protection |
| Hand protection | |
| Material | : Nitrile rubber |
| Glove thickness | : 0,4 mm |
| Protective index | : Class 3 |
| Remarks | : Before removing gloves clean them with soap and water.
Wear suitable gloves tested to EN374. |
| Skin and body protection | : impervious clothing
Choose body protection according to the amount and concentration of the dangerous substance at the work place. |
| Respiratory protection | : Do not use for spraying.
German trade association rules - BGR 190 Breathing protection |
| Protective measures | : Follow the skin protection plan.
German trade association leaflet: M 004 irritating substance/corrosive substance. |

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	: liquid
Colour	: No data available
Odour	: epoxy-like
Odour Threshold	: Not applicable
pH	: No data available
Melting point/range	: not determined
Boiling point/boiling range	: ca. 100 °C
Flash point	: Not applicable
Evaporation rate	: Not applicable
Flammability (solid, gas)	: not determined
Upper explosion limit	: Not applicable
Lower explosion limit	: Not applicable
Vapour pressure	: not determined
Relative vapour density	: Not applicable
Relative density	: Not applicable
Density	: 1,7100 g/cm ³
Solubility(ies)	
Water solubility	: insoluble
Partition coefficient: n-octanol/water	: not determined
Auto-ignition temperature	: not determined
Decomposition temperature	: No data available
Flow time	: not determined
Explosive properties	: Not applicable
Oxidizing properties	: No data available

9.2 Other information

No data available

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SECTION 10: Stability and reactivity

10.1 Reactivity

Stable under recommended storage conditions.

10.2 Chemical stability

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

Hazardous reactions : No decomposition if used as directed.

10.4 Conditions to avoid

Conditions to avoid : Protect from frost, heat and sunlight.

10.5 Incompatible materials

Materials to avoid : Incompatible with acids and bases.
Amines

10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Product:

Acute oral toxicity : Acute toxicity estimate: > 2.000 mg/kg
Method: Calculation method

Acute inhalation toxicity : Acute toxicity estimate: > 20 mg/l
Exposure time: 4 h
Test atmosphere: vapour
Method: Calculation method

Acute toxicity (other routes of administration) : No data is available on the product itself.

Components:

benzyl alcohol:

Acute oral toxicity : LD50 (Rat): 1.570 mg/kg

Acute dermal toxicity : LD50 (Rabbit): 2.000 mg/kg

m-phenylenebis(methylamine):

Acute oral toxicity : LD50 (Rat): 930 mg/kg

Acute inhalation toxicity : LC50 (Rat): 1,34 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist
Method: OECD Test Guideline 403

Acute dermal toxicity : LD50 (Rabbit): 3.100 mg/kg

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3-aminomethyl-3,5,5-trimethylcyclohexylamine:

Acute oral toxicity : LD50 Oral (Rat): 1.030 mg/kg

Acute inhalation toxicity : No data available

Acute dermal toxicity : LD50 (Rabbit): 1.840 mg/kg

Skin corrosion/irritation

Product:

Remarks: May cause skin irritation and/or dermatitis.

Serious eye damage/eye irritation

Product:

Remarks: May cause irreversible eye damage.

Components:

benzyl alcohol:

Species: Rabbit

Assessment: Irritating to eyes.

Respiratory or skin sensitisation

Product:

Remarks: Repeated contact may cause allergic reactions in very susceptible persons.

Further information

Product:

Remarks: No data available

SECTION 12: Ecological information

12.1 Toxicity

Product:

Toxicity to fish : No data is available on the product itself.

Toxicity to daphnia and other aquatic invertebrates : No data is available on the product itself.

12.2 Persistence and degradability

Product:

Biodegradability : No data available

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12.3 Bioaccumulative potential

Product:

Bioaccumulation : No data available

12.4 Mobility in soil

Product:

Mobility : No data available

12.5 Results of PBT and vPvB assessment

Product:

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher..

12.6 Other adverse effects

Product:

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product : Only completely emptied containers should be given for recycling.
Liquid and hardened materials which contain organic solvents or other hazardous substances shall be disposed of as paint waste.
Uncured product residues are special/hazardous waste.

Waste Code : 080112 waste paint and varnish other than those mentioned in 08 01 11

SECTION 14: Transport information

14.1 UN number

ADN : UN 3082
ADR : UN 3082
RID : UN 3082
IMDG : UN 3082
IATA : Not permitted for transport

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14.2 UN proper shipping name

ADN	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. ()
ADR	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. ()
RID	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. ()
IMDG	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. ()
IATA	: Not permitted for transport

14.3 Transport hazard class(es)

ADN	: 9
ADR	: 9
RID	: 9
IMDG	: 9
IATA	: 9

14.4 Packing group

ADN	
Packing group	: III
Classification Code	: M6
Hazard Identification Number	: 90
Labels	: 9
ADR	
Packing group	: III
Classification Code	: M6
Hazard Identification Number	: 90
Labels	: 9
RID	
Packing group	: III
Classification Code	: M6
Hazard Identification Number	: 90
Labels	: 9
IMDG	
Packing group	: III
Labels	: 9
EmS Code	: F-A, S-F
IATA	
(Cargo)	: Not permitted for transport
IATA	
(Passenger)	: Not permitted for transport
Packing group	: III

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14.5 Environmental hazards

ADN

Environmentally hazardous : yes

ADR

Environmentally hazardous : yes

RID

Environmentally hazardous : yes

IMDG

Marine pollutant : yes

14.6 Special precautions for user

Remarks : see sections 6-8

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Remarks : not applicable

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

		Quantity 1	Quantity 2
E2	ENVIRONMENTAL HAZARDS	200 t	500 t

Water contaminating class : 2 water endangering
(Germany) Classification according VwVwS, Annex 4.

Product code for laquers and : RE0 (Germany)
paints / Giscode

Volatile organic compounds : Directive 2004/42/EC
< 2 %
< 40 g/l

15.2 Chemical Safety Assessment

A Chemical Safety Assessment is not required for this substance.

SECTION 16: Other information

Full text of H-Statements

H302 : Harmful if swallowed.
H312 : Harmful in contact with skin.
H314 : Causes severe skin burns and eye damage.
H317 : May cause an allergic skin reaction.
H318 : Causes serious eye damage.
H319 : Causes serious eye irritation.
H332 : Harmful if inhaled.
H400 : Very toxic to aquatic life.
H410 : Very toxic to aquatic life with long lasting effects.
H412 : Harmful to aquatic life with long lasting effects.

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Full text of other abbreviations

Acute Tox.	: Acute toxicity
Aquatic Acute	: Acute aquatic toxicity
Aquatic Chronic	: Chronic aquatic toxicity
Eye Dam.	: Serious eye damage
Eye Irrit.	: Eye irritation
Skin Corr.	: Skin corrosion
Skin Sens.	: Skin sensitisation

(Q)SAR - (Quantitative) Structure Activity Relationship; ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; DIN - Standard of the German Institute for Standardisation; ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISO - International Organisation for Standardization; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TRGS - Technical Rule for Hazardous Substances; UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative; DSL - Domestic Substances List (Canada); KECI - Korea Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); AICS - Australian Inventory of Chemical Substances; IECSC - Inventory of Existing Chemical Substances in China; ENCS - Existing and New Chemical Substances (Japan); ISHL - Industrial Safety and Health Law (Japan); PICCS - Philippines Inventory of Chemicals and Chemical Substances; NZIoC - New Zealand Inventory of Chemicals; TCSI - Taiwan Chemical Substance Inventory; CMR - Carcinogen, Mutagen or Reproductive Toxicant; GLP - Good Laboratory Practice

Further information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

REACH and GHS/CLP Information

According to our legal obligations we will implement the Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) and GHS respectively the Regulation (EC) No 1272/2008. REGULATION (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP). We will adjust and update our safety data sheets on a regular base in accordance with the information of our upstream-suppliers. As usual we will inform you about the adjustments.

Regarding to the REACH regulation we would like to point out that DAW as a downstream user will not register on behalf of our company. We will rely on information from our suppliers. As soon as new information is available our safety data sheets will be amended accordingly. This will be put into practice depending on the register-deadline of the substances involved during the transition period from December 1, 2010 till May 31, 2018.

The amendment of safety data sheets of mixtures or preparations in accordance with GHS /CLP regulation will be carried out during a transitional period until June 1, 2015. We will conduct the adjustment of our safety data sheets during the time frame of the transitional period as soon as new information is available from our suppliers.

DE / EN