

SAFETY DATA SHEET**EKO-MAS GX-12 Acrylic Primer Concentrate**

according to the Regulation (EC) No. 1907/2006/EG and Regulation (EU) 2020/878

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1.1. Product identifier**

EKO-MAS GX-12 Acrylic Primer Concentrate

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

Ultra-strong primer for general applications, to prepare a good base for plasters, screeds, fillers, glues, paints, tiles etc. For preparing of absorptive substrates and backgrounds such plasterboards, calcium-silicate bricks, cement plaster, cement-lime plaster, gypsum plaster etc. Can be diluted 1:1 with clear water or to use as a strong primer.

Uses advised against

Degraded substrates (deep-penetrating emulsion recommended), non-absorbent surfaces such terrazzo, OSB, varnishes (super primer with quartz sand needed).

1.3. Details of the supplier of the safety data sheet

Manufacturer Ekomas AlwerChem sp. z o.o. sp. k.
Address ul. Belwender 3
PL 32-566 Alwernia
Phone +48 12 653 41 42
E-Mail biuro@ekomas.pl

1.4 Emergency telephone number

+48 12 653 41 42 (Monday-Friday from 8:00 until 16:00)
112 – Emergency number

SECTION 2. HAZARDS IDENTIFICATION**2.1. Classification of the substance or mixture**

The mixture is not classified according to Regulation (EC) No. 1272/2008

2.2. Label elements

Label according to Regulation (EC) No. 1272/2008: Not classified.

Hazard pictograms: Not applicable

Signal word: Not applicable

Hazard warnings: Not applicable

Additional information

EUH208 Contains: 2-Methyl-2H-isothiazol-3-one, 1,2-Benzisothiazolin-3(2H)-one.
May produce an allergic reaction.
P102 Keep out of reach of children.

SAFETY DATA SHEET**EKO-MAS GX-12 Acrylic Primer Concentrate**

according to the Regulation (EC) No. 1907/2006/EG and Regulation (EU) 2020/878

2.3. Other hazards

The criteria for identifying persistent, bioaccumulative and toxic substances (PBT) and very persistent and very bioaccumulative substances (vPvB) according to the appendix XIII of Regulation (EC) no. 1907/2006 are not met.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS**3.1. Substances**

Not applicable

3.2. Mixtures

Blend of water-based acrylic dispersion, preservatives and additives improving the properties and the application.

Hazardous ingredients:

Product identifier	Name	Weight share	Classification according to Regulation (EC) No. 1272/2008 (CLP)
CAS-No.: 2634-33-5 EC-No.: 220-120-9	1,2-Benzisothiazol-3(2H)-one	<0,0015%	Acute Tox. 4, H302 Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Dam. 1, H318 Aquatic Acute 1, H400, M=1 Aquatic Chronic 2, H411
CAS-No: 2682-20-4 EC-No.: 220-239-6	2-Methyl-2H-isothiazol-3-one (MIT)	<0,0015%	Acute Tox. 3, H301 Acute Tox. 3, H311 Acute Tox. 2, H330 Skin Sens. 1A, H317 Skin Corr. 1B, H314 STOT SE 3, H335 Aquatic Acute 1, H400, M=1 Aquatic Chronic 2, H411
CAS-No.: 2372-82-9 EC-No.: 219-145-8	N-(3-Aminopropyl)-N-dodecylpropan-1,3-diamine	<0,0030%	Acute Tox. 3, H301 Skin Corr. 1B, H314 STOT RE 2, H373 Aquatic Acute 1, H400, M=10 Aquatic Chronic 1, H410, M=1

Full text of H-statements ➡ see section 16.

SECTION 4: FIRST AID MEASURES**4.1. Description of first aid measures****General information**

SAFETY DATA SHEET**EKO-MAS GX-12 Acrylic Primer Concentrate**according the Regulation (EC) No. 1907/2006/EG and Regulation (EU) 2020/878

Take medical advice when occurrence symptoms or in cases of doubt. Show container, label and/or Safety Data Sheet to physician.

First-aid measures after inhalation

Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact

Wash skin with plenty of water. The product is not skin irritating.

First-aid measures after eye contact

If applicable, remove contact lenses and rinse the eye immediately with open eyelids with plenty of water and seek medical advice.

First-aid measures after ingestion

Rinse the mouth out thoroughly with water. Drink plenty of water in small sips (dilution effect), avoid vomiting.

4.2. Most important symptoms and effects, both acute and delayed**After inhalation**

No further relevant information available.

After skin contact

No further relevant information available.

After eye contact

No further relevant information available.

After ingestion

No further relevant information available.

4.3. Indication of any immediate medical attention and special treatment needed

If a doctor is consulted, present this Safety Data Sheet if possible.

SECTION 5: FIREFIGHTING MEASURES**5.1. Extinguishing media****Suitable extinguishing media**

The mixture is not flammable. Use extinguishing media suitable to surrounding conditions: water spray, dry powder, foam, sand.

Unsuitable extinguishing media

Strong water jet – danger of fire spread.

5.2. Special hazards arising from the substance or mixture

No further relevant information available.

SAFETY DATA SHEET**EKO-MAS GX-12 Acrylic Primer Concentrate**according the Regulation (EC) No. 1907/2006/EG and Regulation (EU) 2020/878

5.3. Advice for firefighters

The mixture is not flammable. Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. Do not allow run-off from firefighting to enter drains or water courses.

SECTION 6: ACCIDENTAL RELEASE MEASURES**6.1. Personal precautions, protective equipment and emergency procedures****For non-emergency personnel**

High slip hazard because of leaking or spilled product.

Avoid contact with skin and eyes. Personal protection equipment ➡ see Section 8.2.2.

For emergency responders

Protective equipment ➡ See Section 8.2.2.

6.2. Environmental precautions

Avoid release to the environment. Do not allow to enter the sewer system/surface water/groundwater. Contaminated water shall be disposed.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up: Take up liquid spill into absorbent material. Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

Safe handling	➡ see Section 7
Personal protective equipment	➡ see Section 8
Disposal	➡ see Section 13

SECTION 7: HANDLING AND STORAGE**7.1. Precautions for safe handling**

Avoid eye and skin contact. Eating, drinking and smoking should be prohibited in areas where the mixture is handled. Wear personal protective equipment. Wash hands thoroughly after work.

7.2. Conditions for safe storage, including any incompatibilities

Keep the bucket tightly sealed, store at 5°C-25°C. Protect from freezing, extreme heat and exposure to direct sunlight. Shelf life of the product is up to 12 months from date of manufacture under proper storage conditions.

7.3. Specific end use(s)

For general applications, to prepare a good base for plasters, screeds, fillers, glues, paints, tiles etc.

SAFETY DATA SHEET**EKO-MAS GX-12 Acrylic Primer Concentrate**according the Regulation (EC) No. 1907/2006/EG and Regulation (EU) 2020/878

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**8.1. Control parameters**

Does not contain substances above concentration limits fixing an occupational exposure limit.

8.2. Exposure controls**8.2.1. Appropriate engineering controls**

Eating, drinking and smoking should be prohibited in areas where the mixture is handled. Wear personal protective equipment. Wash hands thoroughly after work.

8.2.2. Personal protection equipment**Eye and face protection**

Safety glasses with side shields

Skin protection

Wear suitable protective clothing and protective gloves.

Respiratory protection

Respiratory protection usually not required. Wear a dust mask and safety glasses when spraying or sanding. (quarter mask).

Thermal hazards

No additional information available.

8.2.3. Environmental exposure controls

Avoid release to the environment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1. Information on basic physical and chemical properties**

Physical state:	Liquid
Colour:	Milky-white
Odour:	Characteristic for dispersion
Odour threshold:	Not available
Melting point:	Not applicable
Freezing point:	Not available
Flammability:	Not self-igniting
Explosive limits	: Not available
Flash point:	Not available
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
pH:	7,2
Viscosity, kinematic:	Not available

SAFETY DATA SHEET**EKO-MAS GX-12 Acrylic Primer Concentrate**according the Regulation (EC) No. 1907/2006/EG and Regulation (EU) 2020/878

Solubility:	Not available
Partition coefficient n-octanol/water:	Not available
Vapour pressure:	Not available
Density:	1,0 g/cm ³ (at 20°C)
Relative vapour density at 20°C:	Not available
Particle characteristics:	Not applicable

9.2. Other information

No additional information available.

SECTION 10: STABILITY AND REACTIVITY**10.1. Reactivity**

No additional information available.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Protect from freezing, extreme heat and exposure to direct sunlight. The terms mentioned above will not result in a dangerous situation, but they have a negative impact on the mixture.

10.5. Incompatible materials

Strong oxidants, aluminium or copper container. The materials mentioned above have a negative impact on the mixture, they will not result in a dangerous situation.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: TOXICOLOGICAL INFORMATION**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute toxicity (oral)**

Not classified.

Acute toxicity (dermal)

Not classified.

Acute toxicity (inhalation)

Not classified.

Respiratory or skin sensitisation

Not classified.

Germ cell mutagenicity

SAFETY DATA SHEET**EKO-MAS GX-12 Acrylic Primer Concentrate**according to the Regulation (EC) No. 1907/2006/EG and Regulation (EU) 2020/878

Not classified.

Carcinogenicity

Not classified.

Reproductive toxicity

Not classified.

STOT-single exposure

Not classified.

STOT-repeated exposure

Not classified.

Aspiration hazard

Not classified.

11.2. Information on other hazards

No additional information available.

SECTION 12: ECOLOGICAL INFORMATION**12.1. Toxicity**

Data for core product component (water-based acrylic dispersion)

Dispersion	Acute toxicity in fish	LC50	> 100 mg/l	96 h	Oncorhynchus mykiss
	Acute toxicity in aquatic invertebrates	EC50	> 100 mg/l	48 h	Daphnia magna

12.2. Persistence and degradability

The polymer component is not well biodegradable.

12.3. Bioaccumulative potential

Not classified.

12.4. Mobility in soil

The product mixes with water.

12.5. Results of PBT and vPvB assessment

Not classified.

12.6. Endocrine disrupting properties

Not classified.

12.7. Other adverse effects

No additional information available.

SAFETY DATA SHEET**EKO-MAS GX-12 Acrylic Primer Concentrate**according to the Regulation (EC) No. 1907/2006/EG and Regulation (EU) 2020/878

SECTION 13: DISPOSAL CONSIDERATIONS**13.1. Waste treatment methods****Waste treatment methods**

Dispose of contents/container in accordance with licensed collector's sorting instructions. The product should not be disposed of with household waste. Take material residues to the collecting point for old paint. Do not allow to enter the sewer system/surface water/groundwater.

The containers

Do not dispose of the packaging without first carrying out the necessary cleaning. Recommended cleaning agent: Water, if applicable, with the addition of cleaning agents. Handle contaminated packaging in the same way as the substance itself.

European List of Waste (LoW) code

Mixture	08 01 20	aqueous suspensions containing paint or varnish other than those mentioned in 08 01 19
Packaging	15 01 02	plastic packaging

SECTION 14. INFORMATION ON TRANSPORT

Not hazardous material according to the regulations on the carriage of dangerous goods ADR/RID, ADN, IMDG-code, ICAO-TI, IATA-DGR.

14.1. UN number or ID number

Not applicable

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

Not applicable

14.4. Packing group

Not applicable

14.5. Environmental hazards

Not applicable

14.6. Special precautions for user

Tightly sealed buckets.

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SAFETY DATA SHEET**EKO-MAS GX-12 Acrylic Primer Concentrate**according to the Regulation (EC) No. 1907/2006/EG and Regulation (EU) 2020/878

SECTION 15: REGULATORY INFORMATION**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Relevant regulations, provisions and laws:**

Labour Protection Act, Hazardous Materials Regulation

Relevant Technical Rule for Hazardous Substances (TRGS):

TRGS 200, TRGS 402, TRGS 500, TRGS 510, TRGS 900

Relevant trade association regulations and rules (BGR) of the statutory accident insurance (GUV):

BGR 190 (Rules for the use of breathing apparatuses)

BGR 192 (Rules for the use of eye and facial protection)

BGR 189 (Rules for the use of protective clothing)

BGR 195 (Rules for the use of protective gloves)

Directive 2012/18/EU**Named hazardous substances - APPENDIX I**

Does not include any of the constituents.

Water hazard class:

Water hazard class 1 (self-classification according to VwVwS, appendix 4): slightly hazardous for water.

Storage class according to TRGS 510:

Storage class 12 (non-flammable liquids) according to TRGS 510

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION**Methods according to article 9 of Regulation (EC) 1272/2008 to assess the information for classification purposes**

The assessment was made according to article 6, par. 5 and appendix I of Regulation (EC) no. 1272/2008.

Full text of H-phrases as mentioned in section 3:

- H301 Toxic if swallowed
- H302 Harmful if swallowed
- H311 Toxic in contact with skin
- H314 Causes severe skin burns and eye damage
- H315 Causes skin irritation
- H317 May cause an allergic skin reaction
- H318 Causes serious eye damage
- H330 Fatal if inhaled
- H373 May cause damage to organs through prolonged or repeated exposure
- H400 Very toxic to aquatic life
- H410 Very toxic to aquatic life with long lasting effects
- H411 Toxic to aquatic life with long lasting effects

SAFETY DATA SHEET**EKO-MAS GX-12 Acrylic Primer Concentrate**according to the Regulation (EC) No. 1907/2006/EG and Regulation (EU) 2020/878

The relevant phrases refer to the hazardous ingredients listed in Section 3. They do not relate to the mixture.

Abbreviations and acronyms

Acute Tox.	Acute toxicity
Aquatic Acute	Hazardous to the aquatic environment – Acute Hazard
Aquatic Chronic	Hazardous to the aquatic environment – Chronic Hazard
Eye Dam.	Serious eye damage
PBT	Persistent, bioaccumulative and toxic
Skin Corr.	Skin corrosion
Skin Irrit.	Skin irritation
Skin Sens.	Skin sensitisation
STOT SE	Specific target organ toxicity - single exposure
STOT RE	Specific target organ toxicity - repeated exposure
vPvB	Very persistent, very bioaccumulative

Training instructions

Additional training is not required.

Data changed compared to the previous version

Amendments: **1.2, 2.2, 3.2, 8.2.1, 9.1, 12.1**

New items: -

Disclaimer

The information in this Safety Data Sheet describes the safety requirements of our product and is based on the current level of our knowledge. It does not represent any guarantee of properties. For additional information, see also the Technical Data Sheet.

All previous versions of the Safety Data Sheet hereby lose their validity and are replaced by this version.