



SAFETY DATA SEET

Acid Free Primer

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

1.1. Product identifier

Product name: Acid free primer

Product code: -

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

Use of substance/preparation:

Nail primer

1.3. Details of the supplier of the safety data sheet

Manufacturer:

Benevia Ltd.

Thán Károly u. 23-25/A

Budapest, 1119, Hungary

Telephone: (+36) 1209-7022

E-mail: info@benevia.hu

1.4. Emergency telephone number

National advisory body/Poison Centre

Telephone number: 112 (emergency number)

Supplier

Telephone number: (+36) 1209-7022

SECTION 2: Hazards identification

Emergency overview

This information is based on findings from related or similar materials.

Flammable liquid and vapor!

May cause eye irritation.

May cause skin irritation.

Avoid prolonged or repeated breathing of gases, vapors or mists.

Please read entire MSDS for additional information.

Potential Health Effects, Signs and Symptoms of Exposure:

Primary Route of Entry Inhalation, skin and ingestion.

Eye:

Vapors are irritating to the eyes. Splashes may cause severe irritation, with stinging, tearing, redness, and pain with possible corneal damage.

Skin:

Repeated/prolonged contact may cause drying of skin. Symptoms include redness, burning, drying, cracking and skin burns.

Ingestion:

Swallowing small amounts during normal handling is not likely to cause harmful effects; swallowing large amounts may be harmful. This material can get into the lungs during swallowing or vomiting.

Inhalation

Vapors are irritating to nasal passages and throat and may cause stupor or headache. Symptoms usually occur at air concentrations higher than the recommended exposure limits.

Sub-Chronic Effects

Significant exposure to this chemical may adversely affect people with chronic disease or may cause damage to the respiratory system, skin and eyes.

NOTE: Refer to Section 11, Toxicological Information for Details

SECTION 3: Composition / information on ingredients

Chemical Identity	Identifiers	Classification Regulation (EC) No. 1272/2008 (CLP)	INCI Name	Exposure OSHA TWA/STEL	Limits ACGIH TWA/STEL	Carcinogen IARC/NTP/ OSHA	%
Ethyl Acetate	EK: 205-500-4 CAS: 141-78-6 Index: 607-022-00-5	Flam. Liq. 2, H225 Eye irrit. 2, H319 STOT SE 3, H336	Ethyl Acetate	400 ppm	400 ppm	Not Listed	80-85
2,2bis-(4-(2-hydroxy-3-methacryloxypropoxy) BIS-GMA	CAS: 1565-94-2 EK:216-367-7	Eye Irrit. 2 H319. Skin Irrit. 2 H315 Skin Sens. 1 H317	Isopropylidenediphenyl bisoxyhydroxypropyl methacrylate	N/E	N/E	Not Listed	5-10
2-Hydroxy ethyl methacrylate	CAS: 868-77-9 EK:205-769-8	Eye Irrit. 2 H319 Skin Irrit. 2 H315 Skin Sens. 1 H317	HEMA	N/E	N/E	Not Listed	5-10

There are no additional ingredients present which, within the current knowledge of the supplier, are classified and contribute to the classification of the substance and hence require reporting in this section.

Full text of H-phrases is provided in section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Eye contact:

Flush with water for 15 minutes, including under eyelids. Get medical help if discomfort persists.

Inhalation:

Remove to fresh air. If having breathing difficulty, give oxygen. If breathing has stopped, give artificial respiration. Seek medical attention if discomfort persists.

Skin contact:

Wash thoroughly with soap and water. Remove contaminated clothing. Get medical help if discomfort persists.

Ingestion:

If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with head down. Seek medical attention for advice about whether to induce vomiting. If possible, do not leave individual unattended.

SECTION 5: Firefighting measures

Flash Point: (°F/°C) 26°F /-3.3°C

Flammable Limit(vol%): 400ppm

Auto-ignition Temperature(vol%): 750°F – 900 °F

Method:

Extinguishing Media:

Foam, dry chemical, cold water spray.

Fire Fighting Instructions:

Wear self-contained breathing apparatus and protective clothing. USE WATER WITH CAUTION. Water spray may be used to keep fire-exposed containers cool. Water may be ineffective in fighting the fire. Fight fire from a safe distance and protected location.

Unusual Hazards:

Flammable. When exposed to heat and flame, material is a fire explosion hazard. It may produce toxic products CO, carbon dioxide. Vapors may cause a flesh fire or ignite explosively. Vapors may travel a considerable distance to a source of ignition and flash back. Prevent buildup of vapors or gases to explosive concentrations.

SECTION 6: Addiccional release measures

Spill or Release Procedures

Eliminate all sources of heat and ignition. Use absorbent material for spills and dike it, wash spill material into retaining containers. Place containers in a well ventilated area.

Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations. Keep unnecessary and unprotected personnel from entering. Contain and recover liquid when possible. Use non-sparking tools and equipment. Collect liquid in an appropriate container or absorb with an inert material (e. g., vermiculite, dry sand, earth), and place in a chemical waste container. Do not use combustible materials, such as sawdust. Do not flush to sewer! US Regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities. The toll free number for the US Coast Guard National Response Center is (800) 424-8802. EU

Regulations require the consultation of Directive 98/24/EC. If a leak or spill has not ignited, use water spray to disperse the vapors, to protect personnel attempting to stop leak, and to flush spills away from exposures.

SECTION 7: handling and storage

Handling

Keep containers cool and dry. Keep away from heat, light and ignition sources. Avoid breathing high vapor concentrations. Avoid prolonged or repeated contact with skin. Use only with adequate ventilation. Wash skin thoroughly after handling.

Storage

Store in a cool , well ventilated area. Store @70 +15°F, allow some air space above liquid level. Keep containers closed when not in use.

Explosion Hazard

Vapors are heavier than air and may travel along the ground or may be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking and other ignition sources at locations distant from material handling point. Never use welding or cutting torch on or near drum (even empty) because product (even just residue) can ignite explosively.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Engineering Controls:

Facilities storing or utilizing this material should be equipped with an eye facility and safety shower. Use process enclosures local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof ventilation equipment.

Personal Protective Equipment

General

To identify additional Personal Protective Equipment (PPE) requirements, it is recommended that a hazard assessment in accordance with the OSHA PPE Standard (29CFR1910.132), or European Standard EN166 be conducted before using this product . Provide eye wash stations and safety showers. Wear impervious clothing to prevent ANY contact with this product, such as gloves, apron, boots, or whole body suit. Nitrile rubber is better than PVC.

Eye/ Face Protection

Chemical splash goggles in compliance with OSHA regulations are advised; however, OSHA regulations also permit other type of safety glasses.

Skin Protection

Wear resistant gloves. To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

Respiratory Protection

A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain limited circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Wear a NIOSH/MSHA or European Standard EN 149 approved full-face piece airline respirator in the positive pressure mode with emergency escape provisions. Follow OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Odor & Odor Threshold	PH	VOC (g/L)	Specific Gravity	Viscosity	% Volatile
Clear liquid	ester like odor	N/A	736	(H2O=1): 0.92	15 cps	W/W % : 50+

Boiling Point/ Freezing point	Decomposition Temperature	Octanol/Water Partitioning Coefficient Log Po/w	Vapor Pressure:	Vapor Density	Evaporation Rate	Ignition	Solubility In Water (20°C)
N/DA	N/DA	N/DA	N/DA	(Air=1): 1	NA	NA	Insoluble

Flash Point(°F/°C)	Flammable Limit (vol%)	Auto-ignition Temperature (vol%)
TAG Closed: 26°F /-3.3°C	400 ppm	750°F -900 °F

SECTION 10: Stability and reactivity

10.1. Chemical stability

Stable

10.2. Hazardous decomposition products

Heated material produces NO₂, CO₂, CO

10.3. Incompatibility (Materials to Avoid):

Avoid oxidizing agents, acids & bases (heat)

10.5. Hazardous Polymerization:

May occur

10.6. Conditions to Avoid:

Heat, flames, ignition sources

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

Acute Oral Toxicity	Acute Dermal Toxicity	Acute Inhalation Toxicity	Irritation – skin	Irritation – Eye
Rat: LD50 = 4.0-6.0 g/kg;	Rabbit: LD50 > 20 ml/kg.	Rat = LC50 3500-8000 ppm/4 hours	Rabbit: slight	Rabbit: slight

Sensitization	Mutagenicity	Sub-chronic Toxicity
N/ DA	E.coli: DNA Damage: 20 mol/L	N/ DA

SECTION 12: Ecological information

12.1. Ecological information

Acute Toxicity to Fish	Acute Toxicity to Invertebrates	Acute Toxicity to Algae	Bioconcentration	Toxicity to Sewage Bacteria
N/ DA	N/ DA	N/ DA	N/ DA	N/ DA

12.2.

Biodegradability	N/ DA
Chemical Oxygen Demand	N/ DA

SECTION 13: Disposal considerations

13.1. Waste treatment methods:

Dispose of diking materials and absorbent in compliance with State, Local, and Federal regulations. Residual vapors may explode on ignition; do not cut, drill, or weld on or near the container. Mix with compatible chemical which is less flammable and incinerate. Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to a RCRA approved waste facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements. For EU Member States, please refer to any relevant Community provisions relating to waste. In their absence, it is useful to remind the user that national or regional provisions may be in force.

SECTION 14: Transport information

DOT (49 CFR 172)	
Proper Shipping Name:	UN1993, Flammable liquids, n.o.s., (ethyl acetate, monomers), 3, PGII
Identification Number:	UN1993
Marine Pollutant:	No
Special Provisions:	T8, T31
Emergency Response Guidebook (ERG) #:	128
IATA (DGR):	
Proper Shipping Name:	UN1993, Flammable liquids, n.o.s., (ethyl acetate, monomers), 3, PGII

Class or Division:	3
UN or ID Number:	UN1993
Packaging Instructions:	A3
Emergency Response Guidance (ICAO) #:	3L
IMO (IMDG):	
Proper Shipping Name:	UN1993, Flammable liquids, n.o.s., (ethyl acetate, monomers), 3, PGII
Class or Division:	3.2
UN or ID Number:	UN1993
Special Provisions & Stowage/Segregation:	None
Emergency Schedule (EmS)#:	307
Other Information:	Flash point = -3.3°C

SECTION 15 : Regulatory information

US Federal Regulations

Clean Air Act: HAP/ODS	This product contains the following HAP's or ODS: -NONE There are no Ods substances in this product.
Clean Water Act: Priority Pollutant	The following ingredients are listed as hazardous pollutants under the CWA: -None

	<p>The following chemicals are listed as primary pollutants.</p> <p>-NONE</p>
FDA: Food Packaging Status	<p>This product has not been cleared by the FDA for use in food packaging and / or other applications as an indirect food-packaging additive.</p>
Occupational Safety and Health Act	<p>This product is considered to be hazardous under the OSHA Hazard Communication Standard.</p> <p>It's hazards are:</p> <ul style="list-style-type: none">-Immediate (acute) health hazard-Fire hazard
RCRA	<p>This product contains the following chemicals considered to be hazardous waste under RCRA (40 CFR 261).</p> <p>-Ethyl Acetate CAS# 141-78-6, RCRA Code: U112</p>
SARA Title III: Section 302	<p>This product contains no chemicals regulated under Section 302 as extremely hazardous substances.</p>
SARA Title III: Section 304	<p>This product contains chemicals regulated under Section 304 as extremely hazardous chemicals for emergency release notification ("CERCLA" List):</p> <p>-Ethyl Acetate CAS# 141-78-6, RQ (Lbs) 5000</p>
SARA Title III: Section 311-312	<p>This product is considered to be hazardous under the OSHA Hazard Communication Standard and is regulated under Section 311-312 (40 CFR 370). It's hazards are:</p> <ul style="list-style-type: none">-Immediate (acute) health hazard-Fire hazard

	-Reactive hazard
SARA Title III: Section 313	This product contains no chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.
TSCA Section 8(b): Inventory:	This product contains chemicals listed on the TSCA inventory or otherwise complies with TSCA premanufacture notification requirements. None of the chemicals listed have a SNUR under TSCA

State Regulations


CA Right-to-Know Law:	Ethyl Acetate CAS #141-78-6
California No Significant Risk Rule:	NONE
MA Right-to-Know Law:	Ethyl Acetate CAS# 141-78-6
NJ Right-to-Know Law:	Ethyl Acetate CAS# 141-78-6
PA Right-to-Know Law:	Ethyl Acetate CAS# 141-78-6
FL Right-to-Know Law:	Ethyl Acetate CAS# 141-78-6
MN Right-to-Know Law:	Ethyl Acetate CAS# 141-78-6

International Regulations

CDSL: (on Canadian Transitional List)	Ethyl Acetate CAS# 141-78-6 is on the DLS List. WHMIS =D2B 2,2bis-(4-(2-hydroxy-3-methacryloxypropoxy) BIS-GMA CAS: 1565-94-2 is n/da for the DSL List WHMIS =n/da 2-Hydroxy ethyl methacrylate CAS: 868-77-9 on
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	the DSL List. WHMIS =n/da
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Labeling according to EC Directives – 1999/45/EC

European Community: 	-HAZARD SYMBOLS: Xi: Irritant, F: Highly flammable
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SECTION 16: Other information

Hazard Symbol:

F – Flammable substances or preparations

Xi – Irritant

Risk H Phrases:

Flam liq. 2, H225 Highly flammable liquid and vapour

Skin Irrit. 2, H315 Causes skin irritation

Skin Sens. 1, H317 May cause an allergic skin reaction

Eye Irrit. 2, H319 Causes serious eye irritation

STOT SE 3, H336 May cause drowsiness or dizziness

Disclaimer

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