EUROLASTIC Primer ZM grün Komponente A

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

1.1. Product identifier

Trade name/designation:

EUROLASTIC Primer ZM grün Komponente A

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

Relevant identified uses:

Sector of uses [SU]

SU 19: Building and construction work

Uses advised against:

Sector of uses [SU]

SU 21: Consumer uses

1.3. Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor):

Euroteam Bauchemie GmbH
An der Mühle 1
15345 Altlandsberg
Germany
Telephone: +49 (0) 33438 14790
Telefax: +49 (0) 33438 147929
E-mail: info@euroteam-bauchemie.de
Website: www.euroteam-bauchemie.de
E-mail (competent person): info@euroteam-bauchemie.de

1.4. Emergency telephone number

Labor, 24h: +49 (0) 162 2599220, Montag - Donnerstag 7:00 - 16:00; Freitag 7:00 - 13:00 +49 (0) 33438 1479 19 (Only available during office hours.)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]:

Hazard classes and hazard categories	Hazard statements	Classification pro cedure
flammable liquids *(Flam. Liq. 3)*	H226: Flammable liquid and vapour.	
Skin corrosion/irritation *(Skin Irrit. 2)*	H315: Causes skin irritation.	
Serious eye damage/eye irritation *(Eye Dam. 1)*	H318: Causes serious eye damage.	
Hazardous to the aquatic environment *(Aquatic Acute 1)*	H400: Very toxic to aquatic life.	
Hazardous to the aquatic environment *(Aquatic Chronic 1)*	H410: Very toxic to aquatic life with long lasting effects.	
Respiratory or skin sensitisation *(Skin Sens. 1)*	H317: May cause an allergic skin reaction.	

EUROLASTIC Primer ZM grün Komponente A

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms:

GHS02
Flame

GHS05
Corrosion

GHS07
Exclamation mark

GHS09
Environment

Signal word: Danger

Hazard components for labelling:
2-methylpropan-1-ol; XYLOL; ethylbenzene; Aromatische Epoxidverbindung MG < 700

hazard statements for physical hazards	
H226	Flammable liquid and vapour.

hazard statements for health hazards	
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.

Hazard statements for environmental hazards	
H410	Very toxic to aquatic life with long lasting effects.

Supplemental Hazard information (EU)	
EUH205	Contains epoxy constituents. May produce an allergic reaction.

Precautionary statements Prevention	
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statements Response	
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313	If eye irritation persists: Get medical advice/attention.

Precautionary statements Storage	
P403 + P235	Store in a well-ventilated place. Keep cool.

2.3. Other hazards

Adverse human health effects and symptoms:
The mixture may be a skin sensitiser. It may also be a skin irritant and repeated contact may increase this effect.

EUROLASTIC Primer ZM grün Komponente A

SECTION 3: Composition / information on ingredients

3.2. Mixtures

Hazardous ingredients / Hazardous impurities / Stabilisers:

product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concen-tration
CAS No.: 7440-66-6 **EC No.:** 231-175-3 **INDEX No.:** 030-001-00-1	**zinc** Aquatic Acute 1, Aquatic Chronic 1 **Warning** H410	≥ 50 – ≤ 75 Wt %
CAS No.: 1330-20-7 **EC No.:** 215-535-7 **INDEX No.:** 601-022-00-9 **REACH No.:** 01-2119488216-32-XXXX	**XYLOL** Acute Tox. 4, Aquatic Chronic 3, Asp. Tox. 1, Eye Irrit. 2, Flam. Liq. 3, STOT RE 2, STOT SE 3, Skin Irrit. 2 **Danger** H226-H304-H312-H315-H319-H332-H335-H373-H412	< 10 Wt %
CAS No.: 1314-13-2 **EC No.:** 215-222-5 **REACH No.:** 01-2119463881-32-XXXX	**zinc oxide** Aquatic Acute 1, Aquatic Chronic 1 **Warning** H410	≤ 5 Wt %
CAS No.: 78-83-1 **EC No.:** 201-148-0 **REACH No.:** 01-2119484609-23-XXXX	**2-methylpropan-1-ol** Eye Dam. 1, Flam. Liq. 3, STOT SE 3, Skin Irrit. 2 **Danger** H226-H315-H318-H335-H336	≤ 5 Wt %
CAS No.: 25036-25-3	**Aromatische Epoxidverbindung MG < 700** Eye Irrit. 2, Skin Irrit. 2, Skin Sens. 1 H315-H317-H319	≤ 5 Wt %
CAS No.: 25068-38-6 **EC No.:** 500-033-5 **REACH No.:** 01-2119456619-26-XXXX	**4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane** Aquatic Chronic 2, Eye Irrit. 2, Skin Irrit. 2, Skin Sens. 1 **Warning** H315-H317-H319-H411	≤ 5 Wt %
CAS No.: 100-41-4 **EC No.:** 202-849-4 **REACH No.:** 01-2119489370-35-XXXX	**ethylbenzene** Acute Tox. 4, Aquatic Chronic 3, Asp. Tox. 1, Eye Irrit. 2, Flam. Liq. 2, STOT RE 2, STOT SE 3, Skin Irrit. 2 H225-H304-H315-H319-H332-H335-H373-H412	≤ 3 Wt %

Full text of H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:
When in doubt or if symptoms are observed, get medical advice. Never give anything by mouth to an unconscious person or a person with cramps. If unconscious place in recovery position and seek medical advice.

Following inhalation:
Remove casualty to fresh air and keep warm and at rest. If breathing is irregular or stopped, administer artificial respiration. Immediately call a doctor. If unconscious place in recovery position and seek medical advice.

In case of skin contact:
Immediately remove any contaminated clothing, shoes or stockings. After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water and soap.

After eye contact:
In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. Remove contact lenses, if present and easy to do. Continue rinsing.

EUROLASTIC Primer ZM grün Komponente A

After ingestion:
Let water be drunken in little sips (dilution effect). IF SWALLOWED: Immediately call a doctor. Remove casualty to fresh air and keep warm and at rest. Do NOT induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed
SECTION 2: Hazards identification SECTION 11: Toxicological information

4.3. Indication of any immediate medical attention and special treatment needed
No data available

SECTION 5: Firefighting measures

5.1. Extinguishing media
Suitable extinguishing media:
alcohol resistant foam, Carbon dioxide (CO2), Extinguishing powder, Water spray jet

Unsuitable extinguishing media:
Full water jet

5.2. Special hazards arising from the substance or mixture
In case of fire may be liberated: Hazardous combustion products. May be harmful if inhaled.

5.3. Advice for firefighters
Use suitable breathing apparatus.

5.4. Additional information
Use water spray jet to protect personnel and to cool endangered containers.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
6.1.1. For non-emergency personnel
Personal precautions:
Keep away from sources of ignition - No smoking. Do not breathe vapour.

6.1.2. For emergency responders
No data available

6.2. Environmental precautions
Do not allow to enter into surface water or drains. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.3. Methods and material for containment and cleaning up
For containment:
Suitable material for taking up: Sand, Kieselguhr, Earth. Take up mechanically, placing in appropriate containers for disposal.

For cleaning up:
Clean contaminated articles and floor according to the environmental legislation. Unsuitable material: Solvent

6.4. Reference to other sections
Disposal: see section 13; Personal protection equipment: see section 8

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Protective measures
Advices on safe handling:
Avoid contact with eyes and skin. Do not breathe gas/vapour/aerosol. Extended inhalation at levels above the workplace limit value can cause irreversible damage to the lungs (silicosis). Use appropriate respiratory protection.

EUROLASTIC Primer ZM grün Komponente A

Fire prevent measures:
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Provide earthing of containers, equipment, pumps and ventilation facilities. Vapours are heavier than air, spread along floors and form explosive mixtures with air. Caution! Container under pressure.

Advices on general occupational hygiene
When using do not eat, drink, smoke, sniff. Personal protection equipment: see section 8

7.2. Conditions for safe storage, including any incompatibilities
Requirements for storage rooms and vessels:
Use explosion-proof machinery, apparatus, ventilation facilities, tools etc. Keep container tightly closed. Keep only in the original container. Store in a place accessible by authorized persons only. Keep away from sources of ignition - No smoking.

Hints on storage assembly:
Keep away from: Oxidizing agent, Strong alkali, Strong acid

Further information on storage conditions:
Store in a cool dry place. Ensure adequate ventilation of the storage area. Protect against direct sunlight. Keep away from sources of ignition - No smoking.

7.3. Specific end use(s)
Recommendation:
Observe technical data sheet.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters
8.1.1. Occupational exposure limit values

Limit value type (country of origin)	Substance name	① long-term occupational exposure limit value ② short-term occupational exposure limit value ③ Instantaneous value ④ Monitoring and observation processes ⑤ Remark
DFG (DE)	zinc CAS No.: 7440-66-6	① 0.1 mg/m³ ② 0.4 mg/m³ ⑤ (alveolengängige Fraktion)
DFG (DE)	zinc CAS No.: 7440-66-6	① 2 mg/m³ ② 4 mg/m³ ⑤ (einatembare Fraktion)
IOELV (EU)	XYLOL CAS No.: 1330-20-7	① 50 ppm (221 mg/m³) ② 100 ppm (442 mg/m³) ⑤ (may be absorbed through the skin)
TRGS 900 (DE)	XYLOL CAS No.: 1330-20-7	① 100 ppm (440 mg/m³) ② 200 ppm (880 mg/m³) ⑤ (kann über die Haut aufgenommen werden)
TRGS 900 (DE)	2-methylpropan-1-ol CAS No.: 78-83-1	① 100 ppm (310 mg/m³) ② 100 ppm (310 mg/m³)
TRGS 900 (DE)	ethylbenzene CAS No.: 100-41-4	① 20 ppm (88 mg/m³) ② 40 ppm (176 mg/m³) ⑤ (kann über die Haut aufgenommen werden)
IOELV (EU)	ethylbenzene CAS No.: 100-41-4	① 100 ppm (442 mg/m³) ② 200 ppm (884 mg/m³) ⑤ (may be absorbed through the skin)

EUROLASTIC Primer ZM grün Komponente A

8.1.2. Biological limit values

Limit value type (country of origin)	Substance name	Limit value	① parameter ② Test material ③ Time of sampling ④ Remark
TRGS 903 (DE)	XYLOL CAS No.: 1330-20-7	2,000 mg/L	① Methylhippur-(Tolur-)säure ② Urin ③ Expositionsende bzw. Schichtende
TRGS 903 (DE)	ethylbenzene CAS No.: 100-41-4	250 mg/g Cr eatinin	① Mandelsäure + Phenylglyoxylsäure ② Urin ③ Expositionsende bzw. Schichtende

8.1.3. DNEL-/PNEC-values

Substance name	DNEL value	① DNEL type ② Exposure route
XYLOL CAS No.: 1330-20-7	289 g/m³	① DNEL worker ② DNEL acute inhalative (systemic)
XYLOL CAS No.: 1330-20-7	77 g/m³	① DNEL worker ② DNEL long-term inhalative (systemic)
XYLOL CAS No.: 1330-20-7	174 g/m³	① DNEL worker ② DNEL acute dermal, short-term (local)
XYLOL CAS No.: 1330-20-7	180 g/m³	① DNEL worker ② DNEL long-term dermal (systemic)
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane CAS No.: 25068-38-6	12.3 g/m³	① DNEL worker ② DNEL acute inhalative (systemic)
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane CAS No.: 25068-38-6	12.3 g/m³	① DNEL worker ② DNEL long-term inhalative (systemic)
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane CAS No.: 25068-38-6	8.3 mg/kg	① DNEL worker ② DNEL acute dermal, short-term (systemic)
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane CAS No.: 25068-38-6	8.3 mg/kg	① DNEL worker ② DNEL long-term dermal (systemic)

Substance name	PNEC Value	① PNEC type
XYLOL CAS No.: 1330-20-7	0.327 mg/l	① PNEC aquatic, freshwater
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane CAS No.: 25068-38-6	0.003 mg/l	① PNEC aquatic, freshwater

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Provide adequate ventilation. If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means. If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

8.2.2. Personal protection equipment

Eye/face protection:

Eye glasses with side protection

EUROLASTIC Primer ZM grün Komponente A

Skin protection:
The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. (EN ISO 374) NBR (Nitrile rubber). Check leak tightness/impermeability prior to use. Breakthrough times and swelling properties of the material must be taken into consideration. Use protective skin cream before handling the product. Wear anti-static footwear and clothing

Respiratory protection:
Combination filtering device (EN 14387); Provide adequate ventilation as well as local exhaustion at critical locations.

8.2.3. Environmental exposure controls
Safe handling: see section 7; SECTION 12: Ecological information

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance
Physical state: Liquid
Colour: green
Odour: characteristic

Safety relevant basis data

parameter		at °C	Method	Remark
pH	*not determined*			
Melting point	*not determined*			
Freezing point	*not determined*			
Initial boiling point and boiling range	*not determined*			
Decomposition temperature	*not determined*			
Flash point	26 °C		EN ISO 3679	
Evaporation rate	*not determined*			
Auto-ignition temperature	432 °C			Solvent Xylene
Upper/lower flammability or explosive limits	1.7 – 10.9 g/m³			2-methylpropan-1-ol
Vapour pressure	*not determined*			
Vapour density	*not determined*			
Density	2.73 g/cm³	20 °C		
Bulk density	*not determined*			
Water solubility	Immiscible			
Partition coefficient: n-octanol/ water	*not determined*			
Dynamic viscosity	*not determined*			
Kinematic viscosity	691.3 mm²/s			

9.2. Other information
No data available

SECTION 10: Stability and reactivity

10.1. Reactivity
The product is chemically stable under recommended conditions of storage, use and temperature. Safe handling: see section 7

10.2. Chemical stability
The product is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions
No hazardous reaction when handled and stored according to provisions.

10.4. Conditions to avoid
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

EUROLASTIC Primer ZM grün Komponente A

10.5. Incompatible materials
Heat, Acid, alkali

10.6. Hazardous decomposition products
Carbon dioxide, Nitrogen oxides (NOx), Carbon monoxide

Further information
Product may release hydrogen gas. Increased storage temperatures will accelerate this process.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

CAS No.	Substance name	Toxicological information
1330-20-7	XYLOL	**LD_{50} oral:** 3,523 mg/kg **ATE dermal:** 1,100 mg/kg **ATE inhalativ Gase:** 11 ppmV
100-41-4	ethylbenzene	**LD_{50} oral:** 3,500 mg/kg (Rat) **LD_{50} dermal:** 15,400 mg/kg (Rabbit) **ATE inhalativ Gase:** 11 ppmV
25068-38-6	4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane	**LD_{50} oral:** 11,400 mg/kg (Rat) **LD_{50} dermal:** >22,800 mg/kg (Rabbit)

Skin corrosion/irritation:
Irritating to skin. Corrosion: Based on available data, the classification criteria are not met.

Serious eye damage/irritation:
Irritating to eyes. Solvent: Risk of serious damage to eyes.

Respiratory or skin sensitisation:
May cause sensitization by skin contact.

Germ cell mutagenicity:
Based on available data, the classification criteria are not met.

Carcinogenicity:
Based on available data, the classification criteria are not met.

Reproductive toxicity:
Based on available data, the classification criteria are not met.

STOT-repeated exposure:
Based on available data, the classification criteria are not met.

Additional information:
The product has not been tested. The statement is derived from the properties of the single components.

EUROLASTIC Primer ZM grün Komponente A

SECTION 12: Ecological information

12.1. Toxicity

CAS No.	Substance name	Toxicological information
1314-13-2	zinc oxide	**LC_{50}:** 0.17 mg/l 4 d (Oncorhynchus mykiss (Rain bow trout)) **IC_{50}:** 0.17 mg/l 3 d (Selenastrum capricornutum)
100-41-4	ethylbenzene	**LC_{50}:** 3.72 mg/l 4 d **LC_{50}:** 8.78 mg/l 2 d **EC_{50}:** 2.93 mg/l 2 d **EC_{50}:** 4.6 mg/l 3 d **EC_{50}:** 3.6 mg/l 4 d
25068-38-6	4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane	**EC_{50}:** 220 mg/l 4 d (Scenedesmus subspicatus) **EC_{50}:** 3.6 mg/l 4 d (Leuciscus idus (golden orfe)) **EC_{50}:** 2.8 mg/l 2 d (Daphnia magna (Big water flea)) **LC_{50}:** 1.3 mg/l 4 d

Aquatic toxicity:
Very toxic to aquatic organisms.

12.2. Persistence and degradability

Biodegradation:
Xylene: Readily biodegradable (according to OECD criteria). ETHYLBENZENE: Readily biodegradable (according to OECD criteria).

12.3. Bioaccumulative potential

CAS No.	Substance name	Log K_{OW}	Bioconcentration factor (BCF)
1314-13-2	zinc oxide		60,960
100-41-4	ethylbenzene	3.15	
25068-38-6	4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane	3.242	

12.4. Mobility in soil
No data available

12.5. Results of PBT and vPvB assessment

CAS No.	Substance name	Results of PBT and vPvB assessment
1314-13-2	zinc oxide	—
1330-20-7	XYLOL	—
100-41-4	ethylbenzene	—
78-83-1	2-methylpropan-1-ol	—
25068-38-6	4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane	—

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects
The product has not been tested. The statement is derived from the properties of the single components. Do not allow to enter into surface water or drains.

SECTION 13: Disposal considerations

13.1. Waste treatment methods
Dispose of waste according to applicable legislation.

13.1.1. Product/Packaging disposal
Waste codes/waste designations according to EWC/AVV

EUROLASTIC Primer ZM grün Komponente A

Waste code product:

08 01 11 *	Waste paint and varnish containing organic solvents or other dangerous substances

*: Evidence for disposal must be provided.

Waste treatment options

Appropriate disposal / Package:
Dispose of waste according to applicable legislation.

SECTION 14: Transport information

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1. UN-No.			
UN 1263	UN 1263	UN 1263	UN 1263
14.2. UN proper shipping name			
Paint	Paint	Paint	Paint
14.3. Transport hazard class(es)			
 3		 3	 3
14.4. Packing group			
III		III	III
14.5. Environmental hazards			
		 MARINE POLLUTANT	-
14.6. Special precautions for user			
Special provisions: 163 | 367 | 650 **Limited quantity (LQ):** 5 L **Excepted Quantities:** E1 **Hazard identification number (Kemler No.):** 30 **Classification code:** F1 **tunnel restriction code:** (D/E) **Remark:**	**Special provisions:** **Excepted Quantities:** **Classification code:** - **Remark:**	**Special provisions:** **Excepted Quantities:** **EmS-No.:** F-E, ; S-E **Remark:**	**Special provisions:** **Excepted Quantities:** **Remark:**

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

not determined

EUROLASTIC Primer ZM grün Komponente A

SECTION 15: Regulatory information

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

15.1.1. EU legislation

Authorisations:

Components of the mixture that are CMR VOCs or halogenated VOCs: Solvent VOC limit value: 12 %; VOC-value (in g/L): 328

15.1.2. National regulations

[DE] National regulations

Restrictions of occupation

5 MuSchRiV. 22 JArbSchG. 4 MuSchRiV.

Technische Anleitung Luft (TA-Luft)

Anteil 2:

1 %

Water hazard class (WGK)

WGK:

2 - deutlich wassergefährdend

Berufsgenossenschaftliche Vorschriften (BGV)

Berufsgenossenschaftliche Regeln (BGR): Observe the wear time limits according GefStoffV in combination with the rules for using respiratory protection apparatus (BGR 190). Wear protective gloves/protective clothing/eye protection/face protection. Contains epoxy constituents. See information supplied by the manufacturer.

15.2. Chemical Safety Assessment

For this substance a chemical safety assessment is not required.

SECTION 16: Other information

16.1. Indication of changes

No data available

16.2. Abbreviations and acronyms

No data available

16.3. Key literature references and sources for data

No data available

16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

Classification according to Regulation (EC) No 1272/2008 [CLP]:

Hazard classes and hazard categories	Hazard statements	Classification pro cedure
flammable liquids *(Flam. Liq. 3)*	H226: Flammable liquid and vapour.	
Skin corrosion/irritation *(Skin Irrit. 2)*	H315: Causes skin irritation.	
Serious eye damage/eye irritation *(Eye Dam. 1)*	H318: Causes serious eye damage.	
Hazardous to the aquatic environment *(Aquatic Acute 1)*	H400: Very toxic to aquatic life.	
Hazardous to the aquatic environment *(Aquatic Chronic 1)*	H410: Very toxic to aquatic life with long lasting effects.	
Respiratory or skin sensitisation *(Skin Sens. 1)*	H317: May cause an allergic skin reaction.	

EUROLASTIC Primer ZM grün Komponente A

16.5. Relevant R-, H- and EUH-phrases (Number and full text)

Hazard statements	
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H373	May cause damage to organs through prolonged or repeated exposure. (...)
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

16.6. Training advice
No data available

16.7. Additional information
No data available

EUROLASTIC Primer ZM grün Komponente B

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

1.1. Product identifier

Trade name/designation:

EUROLASTIC Primer ZM grün Komponente B

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

Relevant identified uses:

Sector of uses [SU]

SU 19: Building and construction work

Uses advised against:

Sector of uses [SU]

SU 21: Consumer uses

1.3. Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor):

Euroteam Bauchemie GmbH
An der Mühle 1
15345 Altlandsberg
Germany
Telephone: +49 (0) 33438 14790
Telefax: +49 (0) 33438 147929
E-mail: info@euroteam-bauchemie.de
Website: www.euroteam-bauchemie.de
E-mail (competent person): info@euroteam-bauchemie.de

1.4. Emergency telephone number

Labor, 24h: +49 (0) 162 2599220, Montag - Donnerstag 7:00 - 16:00; Freitag 7:00 - 13:00 +49 (0) 33438 1479 19 (Only available during office hours.)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]:

Hazard classes and hazard categories	Hazard statements	Classification pro cedure
flammable liquids *(Flam. Liq. 3)*	H226: Flammable liquid and vapour.	
Skin corrosion/irritation *(Skin Corr. 1A)*	H314: Causes severe skin burns and eye damage.	
Respiratory or skin sensitisation *(Skin Sens. 1A)*	H317: May cause an allergic skin reaction.	
Serious eye damage/eye irritation *(Eye Dam. 1)*	H318: Causes serious eye damage.	
STOT-single exposure *(STOT SE 3)*	H335: May cause respiratory irritation.	
Germ cell mutagenicity *(Muta. 2)*	H341: Suspected of causing genetic defects.	
STOT-repeated exposure *(STOT RE 2)*	H373: May cause damage to organs through prolonged or repeated exposure. (...)	
Hazardous to the aquatic environment *(Aquatic Chronic 3)*	H412: Harmful to aquatic life with long lasting effects.	

EUROLASTIC Primer ZM grün Komponente B

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms:

GHS02
Flame

GHS05
Corrosion

GHS07
Exclamation mark

GHS08
Health hazard

Signal word: Danger

Hazard components for labelling:
phenol; 2-methylpropan-1-ol; 3-aminomethyl-3,5,5-trimethylcyclohexylamine; Phenol, 4,4'-(1-methylethylidene)bis-, polymer with 5-amino-1,3,3-trimethylcyclohexanemethanamine and (chloromethyl)oxirane

hazard statements for physical hazards	
H226	Flammable liquid and vapour.

hazard statements for health hazards	
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.
H341	Suspected of causing genetic defects.
H373	May cause damage to organs through prolonged or repeated exposure. (...)

Hazard statements for environmental hazards	
H412	Harmful to aquatic life with long lasting effects.

Precautionary statements Prevention	
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statements Response	
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Precautionary statements Storage	
P403 + P233	Store in a well-ventilated place. Keep container tightly closed.

Precautionary statements Disposal	
P501	Dispose of contents/container to Dispose of this material and its container to hazardous or special waste collection point..

2.3. Other hazards

No data available

EUROLASTIC Primer ZM grün Komponente B

SECTION 3: Composition / information on ingredients

3.2. Mixtures

Hazardous ingredients / Hazardous impurities / Stabilisers:

product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concen-tration
CAS No.: 68082-29-1	**Fettsäureaminoamide** Eye Irrit. 2, Skin Irrit. 2, Skin Sens. 1 H315-H317-H319	≥ 25 – ≤ 50 Wt %
CAS No.: 1330-20-7 **EC No.:** 215-535-7 **INDEX No.:** 601-022-00-9 **REACH No.:** 01-2119488216-32-XXXX	**XYLOL** Acute Tox. 4, Aquatic Chronic 3, Asp. Tox. 1, Eye Irrit. 2, Flam. Liq. 3, STOT RE 2, STOT SE 3, Skin Irrit. 2 **Danger** H226-H304-H312-H315-H319-H332-H335-H373-H412	≥ 10 – ≤ 23 Wt %
CAS No.: 107-98-2 **EC No.:** 203-539-1 **REACH No.:** 01-2119457435-35-XXXX	**1-methoxypropan-2-ol** Flam. Liq. 3, STOT SE 3 **Warning** H226-H336	≤ 11 Wt %
CAS No.: 25620-58-0 **EC No.:** 247-134-8 **REACH No.:** 01-2119560598-25-XXXX	**Trimethylhexamethylenediamine** The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].	≤ 10 Wt %
CAS No.: 78-83-1 **EC No.:** 201-148-0 **REACH No.:** 01-2119484609-23-XXXX	**2-methylpropan-1-ol** Eye Dam. 1, Flam. Liq. 3, STOT SE 3, Skin Irrit. 2 **Danger** H226-H315-H318-H335-H336	≤ 8.2 Wt %
CAS No.: 100-51-6 **EC No.:** 202-859-9 **REACH No.:** 01-2119492630-38-XXXX	**benzyl alcohol** The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].	≤ 6.8 Wt %
CAS No.: 2855-13-2 **EC No.:** 220-666-8 **REACH No.:** 01-2119514687-32-XXXX	**3-aminomethyl-3,5,5-trimethylcyclohexylamine** Acute Tox. 4, Aquatic Chronic 3, Eye Dam. 1, Skin Corr. 1B, Skin Sens. 1A H302-H314-H317-H318-H412	≤ 6.3 Wt %
CAS No.: 38294-64-3 **EC No.:** 500-101-4	**Phenol, 4,4'-(1-methylethylidene)bis-, polymer with 5-amino-1,3,3-trimethylcyclohexanemethanamine and (chloromethyl)oxirane** Aquatic Chronic 3, Eye Dam. 1, Skin Corr. 1B, Skin Sens. 1 H314-H317-H318-H412	≤ 5 Wt %
CAS No.: 100-41-4 **EC No.:** 202-849-4 **REACH No.:** 01-2119489370-35-XXXX	**ethylbenzene** Acute Tox. 4, Aquatic Chronic 3, Asp. Tox. 1, Eye Irrit. 2, Flam. Liq. 2, STOT RE 2, STOT SE 3, Skin Irrit. 2 H225-H304-H315-H319-H332-H335-H373-H412	≤ 3 Wt %
CAS No.: 108-95-2 **EC No.:** 203-632-7 **REACH No.:** 01-2119471329-31-XXXX	**phenol** Acute Tox. 2, Acute Tox. 3, Aquatic Chronic 2, Eye Dam. 1, Muta. 2, STOT RE 2, Skin Corr. 1B H301-H311-H314-H318-H330-H341-H373-H411	≤ 2.7 Wt %
CAS No.: 90640-67-8 **EC No.:** 292-588-2 **REACH No.:** 01-2119487919-13-XXXX	**Amines, polyethylenepoly-, triethylenetetramine fraction** The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].	≤ 2.2 Wt %

Full text of H- and EUH-phrases: see section 16.

EUROLASTIC Primer ZM grün Komponente B

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:
In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Never give anything by mouth to an unconscious person or a person with cramps. If unconscious place in recovery position and seek medical advice.

Following inhalation:
Remove casualty to fresh air and keep warm and at rest. If breathing is irregular or stopped, administer artificial respiration. Immediately call a doctor. If unconscious place in recovery position and seek medical advice.

In case of skin contact:
Take off immediately all contaminated clothing. Wash immediately with: Water and soap. Do not wash with: Solvents/Thinner.

After eye contact:
After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

After ingestion:
If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed

SECTION 11: Toxicological information

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

No data available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:
alcohol resistant foam , Extinguishing powder, Carbon dioxide (CO2), Water mist

Unsuitable extinguishing media:
Full water jet

5.2. Special hazards arising from the substance or mixture

In case of fire may be liberated: Hazardous decomposition products. May be harmful if inhaled.

Hazardous combustion products:
Carbon dioxide (CO2), Carbon monoxide, Nitrogen oxides (NOx)

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus. Personal protection equipment

5.4. Additional information

Use water spray jet to protect personnel and to cool endangered containers.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Personal precautions:
Keep away from sources of ignition - No smoking. Use only outdoors or in a well-ventilated area. Do not breathe gas/vapour/aerosol.

6.1.2. For emergency responders

No data available

6.2. Environmental precautions

Do not allow to enter into soil/subsoil. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

EUROLASTIC Primer ZM grün Komponente B

6.3. Methods and material for containment and cleaning up

For containment:

Suitable material for taking up: Sand, Kieselguhr, Earth. Recycle according to official regulations. Only use containers specifically approved for the substance/product.

For cleaning up:

Suitable material: Water (with cleaning agent). Unsuitable material: Solvents/Thinner

6.4. Reference to other sections

Disposal: see section 13. Personal protection equipment: see section 8

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Protective measures

Advices on safe handling:

Avoid: In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop. Avoid contact with skin. Do not breathe vapour/aerosol.

Fire prevent measures:

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use only antistatically equipped (spark-free) tools. Wear anti-static footwear and clothing Vapours are heavier than air, spread along floors and form explosive mixtures with air.

Environmental precautions:

Avoid release to the environment.

Advices on general occupational hygiene

Wash hands before breaks and after work. When using do not eat, drink, smoke, sniff. Only wear fitting, comfortable and clean protective clothing.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:

Keep container tightly closed and in a well-ventilated place.

Requirements for storage rooms and vessels:

Use explosion-proof machinery, apparatus, ventilation facilities, tools etc. Keep container tightly closed. Keep away from sources of ignition - No smoking. Store in a place accessible by authorized persons only. Keep/Store only in original container.

Hints on storage assembly:

Do not store together with: Oxidising agent, Strong alkali, Strong acid

7.3. Specific end use(s)

Recommendation:

Observe technical data sheet.

EUROLASTIC Primer ZM grün Komponente B

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Occupational exposure limit values

Limit value type (country of origin)	Substance name	① long-term occupational exposure limit value ② short-term occupational exposure limit value ③ Instantaneous value ④ Monitoring and observation processes ⑤ Remark
IOELV (EU)	XYLOL CAS No.: 1330-20-7	① 50 ppm (221 mg/m³) ② 100 ppm (442 mg/m³) ⑤ (may be absorbed through the skin)
TRGS 900 (DE)	XYLOL CAS No.: 1330-20-7	① 100 ppm (440 mg/m³) ② 200 ppm (880 mg/m³) ⑤ (kann über die Haut aufgenommen werden)
TRGS 900 (DE)	1-methoxypropan-2-ol CAS No.: 107-98-2	① 100 ppm (370 mg/m³) ② 200 ppm (740 mg/m³)
IOELV (EU)	1-methoxypropan-2-ol CAS No.: 107-98-2	① 100 ppm (375 mg/m³) ② 150 ppm (568 mg/m³) ⑤ (may be absorbed through the skin)
TRGS 900 (DE)	2-methylpropan-1-ol CAS No.: 78-83-1	① 100 ppm (310 mg/m³) ② 100 ppm (310 mg/m³)
TRGS 900 (DE)	benzyl alcohol CAS No.: 100-51-6	① 5 ppm (22 mg/m³) ② 10 ppm ③ 44 ppm
TRGS 900 (DE)	ethylbenzene CAS No.: 100-41-4	① 20 ppm (88 mg/m³) ② 40 ppm (176 mg/m³) ⑤ (kann über die Haut aufgenommen werden)
IOELV (EU)	ethylbenzene CAS No.: 100-41-4	① 100 ppm (442 mg/m³) ② 200 ppm (884 mg/m³) ⑤ (may be absorbed through the skin)
TRGS 900 (DE)	phenol CAS No.: 108-95-2	① 2 ppm (8 mg/m³) ② 4 ppm (16 mg/m³) ⑤ (kann über die Haut aufgenommen werden)
IOELV (EU)	phenol CAS No.: 108-95-2	① 2 ppm (8 mg/m³) ② 4 ppm (16 mg/m³) ⑤ (may be absorbed through the skin)

EUROLASTIC Primer ZM grün Komponente B

8.1.2. Biological limit values

Limit value type (country of origin)	Substance name	Limit value	① parameter ② Test material ③ Time of sampling ④ Remark
TRGS 903 (DE)	XYLOL CAS No.: 1330-20-7	2,000 mg/L	① Methylhippur-(Tolur-)säure ② Urin ③ Expositionsende bzw. Schichtende
TRGS 903 (DE)	1-methoxypropan-2-ol CAS No.: 107-98-2	15 mg/L	① Methoxypropanol-2 ② Urin ③ Expositionsende bzw. Schichtende
TRGS 903 (DE)	ethylbenzene CAS No.: 100-41-4	250 mg/g Cr eatinin	① Mandelsäure + Phenylglyoxylsäure ② Urin ③ Expositionsende bzw. Schichtende
TRGS 903 (DE)	phenol CAS No.: 108-95-2	120 mg/g Cr eatinin	① Phenol ② Urin ③ Expositionsende bzw. Schichtende
BLV (EU)	phenol CAS No.: 108-95-2	120 mg/g cr eatinine	① phenol ② urine ③ no restriction

8.1.3. DNEL-/PNEC-values

Substance name	DNEL value	① DNEL type ② Exposure route
XYLOL CAS No.: 1330-20-7	289 g/m³	① DNEL worker ② DNEL acute inhalative (systemic)
XYLOL CAS No.: 1330-20-7	77 g/m³	① DNEL worker ② DNEL long-term inhalative (systemic)
XYLOL CAS No.: 1330-20-7	174 g/m³	① DNEL worker ② DNEL acute dermal, short-term (local)
XYLOL CAS No.: 1330-20-7	180 g/m³	① DNEL worker ② DNEL long-term dermal (systemic)

Substance name	PNEC Value	① PNEC type
XYLOL CAS No.: 1330-20-7	0.327 mg/l	① PNEC aquatic, freshwater
3-aminomethyl-3,5,5-trimethylcyclohexylamine CAS No.: 2855-13-2	0.06 mg/l	① PNEC aquatic, freshwater

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Provide adequate ventilation. If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means. If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

8.2.2. Personal protection equipment

Eye/face protection:

Eye glasses with side protection, Face protection umbrella

EUROLASTIC Primer ZM grün Komponente B

Skin protection:
The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. EN ISO 374 (Butyl caoutchouc (butyl rubber)). Breakthrough times and swelling properties of the material must be taken into consideration. Check leak tightness/impermeability prior to use. Use protective skin cream before handling the product. Wear anti-static footwear and clothing Protective apron, Chemical resistant safety shoes

Respiratory protection:
Half-face mask or quarter facepiece: maximum use concentration for substances with exposure limits: P1 filter: up to a max. of 4 times the exposure limit. P2 filter: up to a max. of 10 times the exposure limit. P3 filter: up to a max. of 30 times the expo. Combination filtering device (EN 14387).

8.2.3. Environmental exposure controls
SECTION 7: Handling and storage SECTION 12: Ecological information

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance
Physical state: Liquid
Colour: not determined
Odour: not determined

Safety relevant basis data

parameter		at °C	Method	Remark
pH	*not applicable*			
Melting point	*not determined*			
Freezing point	*not determined*			
Initial boiling point and boiling range	108 – 200 °C			
Decomposition temperature	*not determined*			
Flash point	25 °C		EN ISO 3679	
Evaporation rate	*not determined*			
Auto-ignition temperature	> 200 °C			
Upper/lower flammability or explosive limits	1.48 – 13.74 %			
Vapour pressure	1.596 kPa			
Vapour density	*not determined*			
Density	0.94 g/cm³			
Bulk density	*not determined*			
Water solubility	Immiscible			
Partition coefficient: n-octanol/ water	*not determined*			
Dynamic viscosity	*not determined*			
Kinematic viscosity	> 362 mm²/s			

9.2. Other information
No data available

SECTION 10: Stability and reactivity

10.1. Reactivity
The product is stable under storage at normal ambient temperatures. Safe handling: see section 7

10.2. Chemical stability
The product is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions
No hazardous reaction when handled and stored according to provisions.

10.4. Conditions to avoid
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

EUROLASTIC Primer ZM grün Komponente B

10.5. Incompatible materials

Oxidising agent, Strong alkali, Strong acid

10.6. Hazardous decomposition products

Carbon dioxide, Nitrogen oxides (NOx), Carbon monoxide

SECTION 11: Toxicological information

11.1. Information on toxicological effects

CAS No.	Substance name	Toxicological information
100-41-4	ethylbenzene	**LD_{50} oral:** 3,500 mg/kg (Rat) **LD_{50} dermal:** 15,400 mg/kg (Rabbit) **ATE inhalativ Gase:** 11 ppmV
100-51-6	benzyl alcohol	**LD_{50} oral:** 1,230 mg/kg (Rat) **LD_{50} dermal:** 2,000 mg/kg (Rabbit) **LC_{50} Acute inhalation toxicity (gas):** 4,178 ppmV 4 h (Rat)
107-98-2	1-methoxypropan-2-ol	**LD_{50} oral:** 4,016 mg/kg (Rat)
1330-20-7	XYLOL	**LD_{50} oral:** 3,523 mg/kg **ATE dermal:** 1,100 mg/kg **ATE inhalativ Gase:** 11 ppmV

Acute inhalation toxicity:
Harmful if swallowed, in contact with skin or if inhaled.

Skin corrosion/irritation:
Causes burns.

Serious eye damage/irritation:
Irritating to eyes. Solvent: Risk of serious damage to eyes.

Respiratory or skin sensitisation:
Irritating to respiratory system. May cause sensitization by skin contact.

Germ cell mutagenicity:
Possible risk of irreversible effects.

Carcinogenicity:
Based on available data, the classification criteria are not met.

Reproductive toxicity:
Based on available data, the classification criteria are not met.

STOT-repeated exposure:
Harmful: danger of serious damage to health by prolonged exposure through inhalation.

Additional information:
The product has not been tested. The statement is derived from the properties of the single components.

EUROLASTIC Primer ZM grün Komponente B

SECTION 12: Ecological information

12.1. Toxicity

CAS No.	Substance name	Toxicological information
100-41-4	ethylbenzene	**LC_{50}:** 3.72 mg/l 4 d **LC_{50}:** 8.78 mg/l 2 d **EC_{50}:** 2.93 mg/l 2 d **EC_{50}:** 4.6 mg/l 3 d **EC_{50}:** 3.6 mg/l 4 d
100-51-6	benzyl alcohol	**LC_{50}:** 460 mg/l 4 d (Pimephales promelas (fathead minnow)) **EC_{50}:** 400 mg/l (Daphnia magna (Big water flea)) **EC_{50}:** 640 mg/l 4 d (Scenedesmus subspicatus) **LC_{50}:** 27 mg/l 4 d (Lepomis macrochirus (Bluegill))
107-98-2	1-methoxypropan-2-ol	**LC_{50}:** 6,812 mg/l 4 d (Leuciscus idus (golden orfe)) DIN 38412 **LC_{50}:** 20,800 mg/l 4 d (Pimephales promelas (fathead minnow)) **LC_{50}:** ≥1,000 mg/l 4 d (Oncorhynchus mykiss (Rainbow trout)) OECD 203 **LC_{50}:** 21,100 – 25,900 mg/l 2 d (Daphnia magna (Big water flea)) **ErC_{50}:** >1,000 mg/l (Pseudokirchneriella subcapitata) **IC_{50}:** 1,000 mg/l (Activated sludge) OECD 209

Aquatic toxicity:
Harmful to aquatic organisms.

12.2. Persistence and degradability

CAS No.	Substance name	Biodegradation	Remark
107-98-2	1-methoxypropan-2-ol	Yes, rapidly	insoluble in: Water

Biodegradation:
Xylene: Readily biodegradable (according to OECD criteria). ETHYLBENZENE: Readily biodegradable (according to OECD criteria). ISOPHORONEDIAMINE: 8 %

12.3. Bioaccumulative potential

CAS No.	Substance name	Log K_{OW}	Bioconcentration factor (BCF)
100-41-4	ethylbenzene	3.15	
100-51-6	benzyl alcohol	1.05	
107-98-2	1-methoxypropan-2-ol	0.37	

12.4. Mobility in soil
No data available

12.5. Results of PBT and vPvB assessment

CAS No.	Substance name	Results of PBT and vPvB assessment
100-41-4	ethylbenzene	—
100-51-6	benzyl alcohol	—
78-83-1	2-methylpropan-1-ol	—
108-95-2	phenol	—
2855-13-2	3-aminomethyl-3,5,5-trimethylcyclohexylamine	—
25620-58-0	Trimethylhexamethylenediamine	—

EUROLASTIC Primer ZM grün Komponente B

CAS No.	Substance name	Results of PBT and vPvB assessment
68082-29-1	Fettsäureaminoamide	—
107-98-2	1-methoxypropan-2-ol	—
1330-20-7	XYLOL	—

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects
Do not allow to enter into surface water or drains.

SECTION 13: Disposal considerations

13.1. Waste treatment methods
Dispose according to legislation.

13.1.1. Product/Packaging disposal
Waste codes/waste designations according to EWC/AVV

Waste code product:

08 01 11 *	Waste paint and varnish containing organic solvents or other dangerous substances

*: Evidence for disposal must be provided.

Waste treatment options
Appropriate disposal / Package:
Dispose of waste according to applicable legislation.

SECTION 14: Transport information

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1. UN-No.			
UN 2924	UN 2924	UN 2924	UN 2924
14.2. UN proper shipping name			
FLAMMABLE LIQUID, CORROSIVE, N.O.S. (Xylol, Isophorondiamin)	FLAMMABLE LIQUID, CORROSIVE, N.O.S. (Xylol, Isophorondiamin)	FLAMMABLE LIQUID, CORROSIVE, N.O.S. (Xylol, Isophorondiamin)	FLAMMABLE LIQUID, CORROSIVE, N.O.S. (Xylol, Isophorondiamin)
14.3. Transport hazard class(es)			
 3 8		 3 8	 3 8
14.4. Packing group			
III		III	III
14.5. Environmental hazards			
No		No	-

EUROLASTIC Primer ZM grün Komponente B

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.6. Special precautions for user			
Special provisions: **Excepted Quantities:** **Hazard identification number (Kemler No.):** 38 **Classification code:** - **tunnel restriction code:** (D/E) **Remark:**	**Special provisions:** **Excepted Quantities:** **Classification code:** - **Remark:**	**Special provisions:** **Excepted Quantities:** **EmS-No.:** F-E; ; S-C **Remark:**	**Special provisions:** **Excepted Quantities:** **Remark:**

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

No data available

SECTION 15: Regulatory information

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

15.1.1. EU legislation

Restrictions on use:

Information according to 1999/13/EC about limitation of emissions of volatile organic compounds (VOC-guideline).:Volatile organic compounds (VOC) content in percent by weight: Solvent 34 %. VOC-value (in g/L): 366. Maximum VOC content: 39 %

15.1.2. National regulations

[DE] National regulations

Restrictions of occupation

Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers. Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).

Störfallverordnung

for substances contained in the product:

Remark:Flammable

Water hazard class (WGK)

WGK:

2 - deutlich wassergefährdend

Berufsgenossenschaftliche Vorschriften (BGV)

To follow: Berufsgenossenschaftliche Vorschriften (BGV) Berufsgenossenschaftliche Regeln (BGR), Observe the wear time limits according GefStoffV in combination with the rules for using respiratory protection apparatus (BGR 190).

15.2. Chemical Safety Assessment

For this substance a chemical safety assessment is not required.

SECTION 16: Other information

16.1. Indication of changes

No data available

16.2. Abbreviations and acronyms

No data available

16.3. Key literature references and sources for data

No data available

EUROLASTIC Primer ZM grün Komponente B

16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

Classification according to Regulation (EC) No 1272/2008 [CLP]:

Hazard classes and hazard categories	Hazard statements	Classification pro cedure
flammable liquids *(Flam. Liq. 3)*	H226: Flammable liquid and vapour.	
Skin corrosion/irritation *(Skin Corr. 1A)*	H314: Causes severe skin burns and eye damage.	
Respiratory or skin sensitisation *(Skin Sens. 1A)*	H317: May cause an allergic skin reaction.	
Serious eye damage/eye irritation *(Eye Dam. 1)*	H318: Causes serious eye damage.	
STOT-single exposure *(STOT SE 3)*	H335: May cause respiratory irritation.	
Germ cell mutagenicity *(Muta. 2)*	H341: Suspected of causing genetic defects.	
STOT-repeated exposure *(STOT RE 2)*	H373: May cause damage to organs through prolonged or repeated exposure. (...)	
Hazardous to the aquatic environment *(Aquatic Chronic 3)*	H412: Harmful to aquatic life with long lasting effects.	

16.5. Relevant R-, H- and EUH-phrases (Number and full text)

Hazard statements	
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
H312	Harmful 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.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H341	Suspected of causing genetic defects.
H373	May cause damage to organs through prolonged or repeated exposure. (...)
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

16.6. Training advice

No data available

16.7. Additional information

No data available