

MATERIAL SAFETY DATA SHEET**B-PRIMER H₂O (3KG B)****PART 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

Date issued	13/12/2019
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1.1 PRODUCT IDENTIFIER

Trade name	B-primer H ₂ O (3kg B)
Product code	B-L.PH20

1.2 RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

Use	Reactive hardener for two component water-thinnable epoxy coat.
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1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET**MANUFACTURER**

Company name	Brugs Dak Centrum
Postal address	Krakeleweg 6-8
Postcode	B-8000
City	Brugge
Country	Belgium
Tel	+32 (0)50 31 28 98
Fax	+32 (0)50 31 05 23
E-mail	greet@brugsdakcentrum.be
Website	http://www.brugsdakcentrum.be
Contact person	Greet Van Nieuwenhuyse

1.4 EMERGENCY TELEPHONE NUMBER

Phone nr	Only emergency call number: 112
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**BRUGS
DAK CENTRUM**
DAK- & GEVELMATERIALEN

PART 2: HAZARDS IDENTIFICATION

2.1. CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

CLASSIFICATION EC 67/548 OR EC 1999/45


Classification	Xi; R38-41 R52-53
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HAZARDS CLASS AND CATEGORY CODE REGULATIONS EC 1272/2008 (CLP)

Health hazards	Skin irritation – Category 2 – Warning (CLP: Skin Irrit. 2) H315 Serious eye damage – Category 1 – Danger (CLP: Eye Dam. 1) H318
Environmental hazards	Hazardous to the aquatic environment – Chronic hazard – Category 3 (CLP: Aquatic Chronic 3) H412


2.2 LABEL ELEMENTS

LABELLING EC 67/548 OR EC 1999/45

Symbol(s)	
R Phrase(s)	Xi: Irritant R38: Irritating to skin R41: Risk of serious damage to eyes. R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
S Phrase(s)	S2: Keep out of reach of children. S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S39: Wear eye/face protection. S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label when possible). S61: avoid release to the environment. Refer to special instructions/Safety data sheets.
Further Phrases	Contains: 3,6,9,12-tetra-azatetradecamethylenediamine – 3,6,9-triazaundecamethylenediamine – 2,2'iminodi(ethylamine). May produce an allergic reaction.
Contains	Modified Polyamide - 3,6,9,12-tetra-azatetradecamethylenediamine – Acetic acid - 3,6,9-triazaundecamethylenediamine – 2,2'iminodi(ethylamine)



LABELLING REGULATION EC 1272/2008 (CLP)

Hazard pictograms	
Signal words	Danger
Hazard statements:	H318: Causes serious eye damage. H315: Causes skin irritation. H412: Harmful to aquatic life with long lasting effects.
Precautionary statements	
<i>General</i>	P101: If medical advice is needed, have product container or label at hand. P102: Keep out of reach of children. P103: Read label before use.
<i>Prevention</i>	P280: Wear eye protection, face protection. P280: Wear protective gloves. P264: Wash thoroughly after handling. P273: Avoid release to the environment.
<i>Response</i>	P310: Immediately call a POISON CENTER or doctor. P321: Specific treatment (see on this label). P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P302+P352: IF ON SKIN: Wash with plenty of soap and water. P332+P313: If skin irritation occurs: Get medical advice. P363: Wash contaminated clothing before reuse.
<i>Disposal considerations</i>	P501: Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation
Contains	Modified Polyamide - 3,6,9,12-tetra-azatetradecamethylenediamine – Acetic acid - 3,6,9-triazaundecamethylenediamine – 2,2'iminodi(ethylamine)

2.3 OTHER HAZARDS

The substance does not fulfill the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

PART 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substance/ Preparation		Preparation				
Hazardous component(s)		This product is hazardous.				
Substance name	Contents	CAS N°	EC N°	Annex N°	REACH Ref.	Classification
Modified Polyamide	10 – 25%	68915-81-1	----	----	----	Xi; R38-41 R52-53 Eye Dam 1_ H318 Skin. Irrit. 2_ H315 Aquatic Chronic 3_ H412
3,6,9,12-tetra- azatetradecamethylenedi amine	<0,5%	4067-16-7	223-775-9	612-064-00-2	----	C; R34 R43 N; R50-53 Skin Corr. 1B_ H314 Skin Sens. 1_ H317 Aquatic Acute 1_ H400 Aquatic Chronic 1_ H410
Acetic acid	<0,5%	64-19-7	200-580-7	607-002-00-6	----	R10 C; R35 Skin Corr. 1A_ H314 Flam. Liq. 3_ H226
3,6,9- triazoundecamethylenedi amine	<0,5%	112-57-2	203-986-2	612-060-00-0	----	Xn; R21/22 C; R34 R43 N; R51-53 Skin Corr. 1B_ H314 Acute Tox. 4 (skin)_ H312 Acute Tox. 4 (oral)_ H302 Skin Sens. 1_ H317 Aquatic Chronic 2_ H411
2,2'iminodi(ethylamine)	<0,5%	111-40-0	203-865-4	612-058-00-X	----	Xn; R21/22 C; R34 R43 Skin Corr. 1B_ H314 Acute Tox. 4 (skin)_ H312 Acute Tox. 4 (oral)_ H302 Skin Sens. 1_ H317

PART 4: FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

Inhalation	Assure fresh air breathing. Allow the victim to rest.
Skin contact	Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If skin irritation or rash occurs: Get medical advice. Specific treatment (see on this label).
Eye contact	Immediately call a POISON CENTER or doctor. Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes.
Ingestion	Do not induce vomiting. Obtain emergency medical attention.

4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

Symptoms relating to use	Causes serious eye damage. Causes skin irritation.
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4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

General information

Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

PART 5: FIRE-FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA

Suitable extinguishing media

Foam. Water spray. Dry powder. Carbon dioxide. Sand.

Unsuitable extinguishing media

Do not use a heavy water stream.

Surrounding fires

Use water spray or fog for cooling exposed containers.

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

Hazardous combustion products

Under fire conditions, hazardous fumes will be present.

5.3 ADVICE FOR FIRE-FIGHTERS

Protection against fire

Do not enter fire area without proper protective equipment, including respiratory protection.

Special procedures

Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.

PART 6: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

For emergency responders

Equip cleanup crew with proper protection.
Ventilate area.

6.2. ENVIRONMENTAL PRECAUTIONS

Environmental precautions

Avoid release into the environment. Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

6.3. METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Clean up methods

Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spills and put in into appropriated container.

6.4. REFERENCE TO OTHER SECTIONS

See part 8. Exposure controls/personal protection

PART 7: HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

Technical protective measures

Provide good ventilation in process area to prevent formation of vapour.

Handling

Wash thoroughly after handling.



7.2. CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Storage	Keep only in the original container in a cool, well ventilated place. Keep container closed when not in use.
Storage – away from	Strong bases. Strong acids. Sources of ignition. Direct sunlight.

7.3. SPECIFIC END USE(S)

Specific end use(s):	None.
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PART 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

8.2 EXPOSURE CONTROLS

Personal protection	
Personal protection	Avoid all unnecessary exposure.
<i>Respiratory protection</i>	Where excessive vapour may result, wear approved mask.
<i>Hand protection</i>	Wear protective gloves
<i>Skin protection</i>	Wear suitable protective clothing.
<i>Eye protection</i>	Chemical goggles or safety glasses
<i>Others</i>	When using, do not eat, drink or smoke.



PART 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Viscous liquid.
Color	Colorless to light yellow. Blue. Grey. Red. e.t.c.
Odor	Ammonia.
Odor threshold	No data available.
pH value	9,5
Melting point/freezing point	No data available.
Decomposition point (°C)	No data available.
Critical temperature (°C)	No data available.
Auto-ignition temperature (°C)	>150
Flammability (solid, gas)	Not applicable.
Flash point (°C)	Not applicable.
Initial boiling point (°C)	100
Final boiling point (°C)	No data available.
Evaporation rate	No data available.
Acid/alkali reserve (g NaOH/100g)	No data available.
Explosion limits - lower (%)	Not applicable.
Explosion limits - upper (%)	Not applicable.
Vapour pressure mm/Hg	15,00
Vapour density	Not established.
Density (g/cm ³)	1,00-1,12
Solubility in water (% weight)	No data available.
Solubility in water	Complete.
Log Pow octanol / water at 20°C	No data available.
Viscosity at 20°C (mPa.s)	2000
Explosive properties	Not applicable.
Oxidizing properties	No data available.

9.2 OTHER INFORMATION

PART 10: STABILITY AND REACTIVITY

10.1. REACTIVITY

Reactivity	Not established.
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10.2. CHEMICAL STABILITY

Chemical stability	Stable under recommended storage conditions.
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10.3. POSSIBILITY OF HAZARDOUS REACTIONS

Hazardous reactions	Not established.
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10.4. CONDITIONS TO AVOID

Conditions to avoid	Extremely high or low temperatures. Direct sunlight.
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10.5. INCOMPATIBLE MATERIALS

Materials to avoid	Strong acids. Strong bases
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10.6. HAZARDOUS DECOMPOSITION PRODUCTS

Hazardous decompositions products	Fumes, Carbon monoxide, Carbon dioxide.
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PART 11: TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

Acute toxicity	Not established.
Corrosion	Causes serious eye damage.
Irritation	Causes skin irritation.
Sensitization	Not established.
Mutagenicity	Not established.
Carcinogenicity	Not established.
Toxic for reproduction	Not established.
STOT-single exposure	Not established.
STOT-repeated exposure	Not established.
Aspiration hazard	Not established.

PART 12: ECOLOGICAL INFORMATION

12.1. TOXICITY

Toxicity information	Harmful to aquatic life with long lasting effects.
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12.2. PERSISTENCE – DEGRADABILITY

Persistence – degradability	May cause long-term adverse effects in the environment.
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12.3. BIOACCUMULATIVE POTENTIAL

Bioaccumulative potential	Not established.
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12.4. MOBILITY IN SOIL

Log Pow octanol / water at 20°C	No data available.
Mobility in soil	Not established.

12.5. RESULTS OF PBT AND VPVB ASSESSMENT

Results of PBT and vPvB assessment	Not applicable.
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12.6. OTHER ADVERSE EFFECTS

Environmental precautions	Avoid release to the environment.
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PART 13: DISPOSAL CONSIDERATIONS

13.1. WASTE TREATMENT METHODS

General

Avoid release to the environment.
Dispose of the material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

PART 14: TRANSPORT INFORMATION

14.1 LAND TRANSPORT (ADR – RID)

General information

Not regulated.

14.2. SEA TRANSPORT (IMDG) (ENGLISH ONLY)

General information

Not regulated.

14.3 AIR TRANSPORT (ICAO-IATA) (ENGLISH ONLY)

Proper Shipping Name

Not regulated.

PART 15: REGULATORY INFORMATION

15.1. SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

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

Ensure all national/local regulations are observed.

REACH Restrictions - Annex XVII

The components of this product are not subject to restrictions.

REACH Authorization - Annex XIV

The components of this product are not subject to authorization.

15.2. CHEMICAL SAFETY ASSESSMENT

Chemical Safety Assessment

It has not been carried out.



PART 16: OTHER INFORMATION

Revision	Revision – See: *
Abbreviations and acronyms	PBT: persistent, bioaccumulative and toxic vPvB: very persistent and very bioaccumulative
Sources of key data used	REGULATION (EC) N°1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending, and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) N° 1907/2006.
List of relevant R phrases in part 3	R10: Flammable. R21/22: Harmful in contact with skin and if swallowed. R34: Causes burns. R35: Causes severe burns. R38: Irritating to skin. R41: Risk of serious damage to eyes. R43: May cause sensitization by skin contact. R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
List of full text of H-statements in part 3	H226: Flammable liquid and vapour. H302: Harmful if swallowed 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. 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. H412: Harmful to aquatic life with long lasting effects.
Further information	None.

