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Safety Data Sheet in accordance with HSNO

1 Identification of the substance or mixture and of the supplier

[•] Other means of identification

Trade name: P961 ETCH PRIMER

· Article number: W021

- · Relevant identified uses of the substance or mixture and uses advised against
- · Sector of Use
- SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites
- SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
- · Product category PC9a Coatings and paints, thinners, paint removers
- · Process category PROC8a Transfer of substance or mixture (charging and discharging) at non-dedicated facilities
- · Environmental release category ERC2 Formulation into mixture
- · Article category AC1 Vehicles
- · Application of the substance / the mixture Priming Surface protection

Details of the supplier of the safety data sheet

· Manufacturer/Supplier: HB BODY S.A. B' ENTRANCE BLOCK 50 DA9 & MB6 Str THESSALONIKI INDUSTRIAL AREA 57.022, SINDOS THESSALONIKI, GREECE Ph: +30 2310 790 000 Fax: +30 2310 790 033 www.hbbodv.com email: hbbody@hbbody.com

Further information obtainable from: Wyatt Machine Tools (Rupes) NZ Limited Address: 388 Church Street, Penrose, Auckland Ph (09) 525 1000; Fax (09) 525 1009 Emergency telephone number: NZ Emergency 0800 992 881 (0800WYATT1)

- Emergency telephone number:
- 24 hr Medical Emergency, National Poisons Centre, 0800 764 766 (0800 POISON)

2 Hazards identification

Classification of the substance or mixture



Flammable liquids Category 3

H226 Flammable liquid and vapour.

GHS08 health hazard

Carcinogenicity - Category 2

H351 Suspected of causing cancer. Route of exposure: Inhalation.



Serious eye damage Category 1 H318 Causes serious eye damage.



Skin irritation Category 2

Skin sensitisation Category 1

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

Specific target organ toxicity - single exposure Category 3 H335 May cause respiratory irritation.

Specific target organ toxicity - single exposure Category 3 H336 May cause drowsiness or dizziness.

Hazardous to the aquatic environment chronic Category 3 H412 Harmful to aquatic life with long lasting effects.

Additional information: 3.1B Flammable liquid

3.1C Flammable liquid

- 6.3A Substances that are irritating to the skin
- 9.1C Substances that are harmful in the aquatic environment
- 8.3A Substances that are corrosive to ocular tissue

Label elements

· GHS label elements The product is classified and labelled according to the Globally Harmonised System (GHS).

· Hazard pictograms



· Signal word Danger

- · Hazard-determining components of labelling:
- butan-1-ol

titanium dioxide

reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight \leq 700)

butanol

1-methoxy-2-propanol

· Hazard statements

H226 Flammable liquid and vapour.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H317 May cause an allergic skin reaction.

- H351 Suspected of causing cancer. Route of exposure: Inhalation.
- H335 May cause respiratory irritation.

H336 May cause drowsiness or dizziness.

H412 Harmful to aquatic life with long lasting effects.

- Precautionary statements
- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

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

- P310 Immediately call a POISON CENTER/doctor.
- P321 Specific treatment (see on this label).
- P362+P364 Take off contaminated clothing and wash it before reuse.
- P405 Store locked up.
- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Other hazards

[·] Results of PBT and vPvB assessment

This product contains no substance that is considered to be persistent, bioaccumulating or non toxic(PBT). This mixture contains no substance that is considered to be very persistent or very bioaccumulating (vPvB). • PBT: Not applicable.

- · vPvB: Not applicable.

3 Composition/Information on ingredients

Chemical characterisation: Mixtures

· Description: Mixture of hazardous substances listed below with nonhazardous additions.

Dangerous components:

Dangerous components.			
	CAS: 71-36-3 EINECS: 200-751-6 Index number: 603-004-00-6 RTECS: EO 1400000	butan-1-ol Flam. Liq. 3, H226 Eye Dam. 1, H318 Acute Tox. 4, H302; Skin Irrit. 2, H315; STOT SE 3, H335 STOT SE 3, H336	15-<20%
	CAS: 1330-20-7 Index number: 601-022-00-9	xylene	15-<20%
		Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315	
	CAS: 107-98-2 EINECS: 203-539-1 Index number: 603-064-00-3 RTECS: UB 7700000	1-methoxy-2-propanol ♦ Flam. Liq. 3, H226 ♦ Acute Tox. 3, H331 ♦ STOT SE 3, H336	10-<15%
	CAS: 13463-67-7 EINECS: 236-675-5 Index number: 022-006-00-2	titanium dioxide	10-<15%
	CAS: 25068-38-6 NLP: 500-033-5 Index number: 603-074-00-8	reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight ≤ 700) Aquatic Chronic 2, H411 Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317 Specific concentration limits: Eye Irrit. 2; H319: C ≥ 5 % Skin Irrit. 2; H315: C ≥ 5 %	5-<10%
	CAS: 78-83-1 EINECS: 201-148-0 Index number: 603-108-00-1 RTECS: NP 9625000	butanol Flam. Liq. 3, H226 Eye Dam. 1, H318 Skin Irrit. 2, H315; STOT SE 3, H335 STOT SE 3, H336	≥1-<3%

• Additional information: For the wording of the listed hazard phrases refer to section 16.

4 First aid measures

Description of first aid measures

- · General information: Immediately remove any clothing soiled by the product.
- [.] After inhalation:
- Supply fresh air and to be sure call for a doctor.
- In case of unconsciousness place patient stably in side position for transportation.
- · After skin contact: Immediately wash with water and soap and rinse thoroughly.
- [•] After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.
- · After swallowing: If symptoms persist consult doctor.
- [·] Information for doctor:
- · Most important symptoms and effects, both acute and delayed No further relevant information available.
- Indication of any immediate medical attention and special treatment needed No further relevant information available

5 Fire fighting measures

[•] Extinguishing media

- · Suitable extinguishing agents:
- CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- [•] For safety reasons unsuitable extinguishing agents: Water with full jet
- * Special hazards arising from the substance or mixture No further relevant information available.

[•] Advice for firefighters

Firefighters should always protective equipment and breathing apparatus when handling fire coming from these products

[•] Speial protective equipment and fire fighting procedures: No special measures required.

Additional information

Collect contaminated fire fighting water separately. It must not enter the sewage system. HAZ CHEM CODE: 3YE

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

Environmental precautions:

Do not allow product to reach sewage system or any water course.

Inform respective authorities in case of seepage into water course or sewage system. Do not allow to enter sewers/ surface or ground water.

Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Use neutralising agent.

Dispose contaminated material as waste according to section 13. Ensure adequate ventilation.

Reference to other sections

See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

7 Handling and storage

Handling:

· Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

- Open and handle receptacle with care.
- Prevent formation of aerosols.
- [·] Information about fire and explosion protection:
- Keep ignition sources away Do not smoke.
- Protect against electrostatic charges.
- Keep respiratory protective device available.

Conditions for safe storage, including any incompatibilities

- [·] Storage:
- · Requirements to be met by storerooms and receptacles: No special requirements.
- · Information about storage in one common storage facility: Not required.
- · Further information about storage conditions: Keep container tightly sealed.
- **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

Control parameters

Ingredients with limit values that require monitoring at the workplace:

71-36-3 butan-1-ol

WES (New Zealand) Ceiling limit: 150 mg/m³, 50 ppm skin

1330-20-7 xylene

WES (New Zealand) Long-term value: 217 mg/m³, 50 ppm oto, bio

IOELV (EU) Short-term value: 442 mg/m³, 100 ppm Long-term value: 221 mg/m³, 50 ppm Skin

107-98-2 1-methoxy-2-propanol

WES (New Zealand) Short-term value: 553 mg/m³, 150 ppm

	Long-term value. 509 mg/m, 100 ppm
IOELV (EU)	Short-term value: 568 mg/m³, 150 ppm Long-term value: 375 mg/m³, 100 ppm Skin

78-83-1 butanol

WES (New Zealand) Long-term value: 152 mg/m³, 50 ppm

Regulatory information

WES (New Zealand): Workplace Exposure Standards and Biological Exposure Indices

IOELV (EU): (EU) 2019/1831

· Additional information: The lists valid during the making were used as basis.

Exposure controls

- [·] Personal protective equipment:
- General protective and hygienic measures: Keep away from foodstuffs, beverages and feed.
 Immediately remove all soiled and contaminated clothing Wash hands before breaks and at the end of work.
 Store protective clothing separately.
 Avoid contact with the skin.
 Avoid contact with the eyes and skin.
- Respiratory protection:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use selfcontained respiratory protective device.

Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation • Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· Penetration time of glove material

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed. • For the permanent contact gloves made of the following materials are suitable: Fluorocarbon rubber (Viton)

· For the permanent contact of a maximum of 15 minutes gloves made of the following materials are

suitable:

Rubber gloves

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• Eye protection:



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Tightly sealed goggles

· Body protection: Protective work clothing

9 Physical and chemical properties

Information on basic physical and chemical properties

General Information	
· Appearance:	
· Form:	Fluid
· Colour:	According to product specification
· Odour:	Characteristic
[.] Odour threshold:	Not determined.
[·] pH-value:	Mixture is non-soluble (in water).
[·] Change in condition	
· Melting point/freezing point:	Undetermined.
Initial boiling point and boiling range:	116-118 °C
[·] Flash point:	23 - 60 °C
Flammability	Flammable.
Autoignition temperature:	270 °C
· Decomposition temperature:	Not determined.
Ignition temperature:	Product is not selfigniting.
Explosive properties:	Risk of explosion by shock, friction, fire or other sources of ignition.
· Explosion limits:	
· Lower:	1.1 Vol %
· Upper:	20 Vol %
Vapour pressure at 20 °C:	12 hPa
Vapour pressure:	
Density at 20 °C:	1.17 g/cm³
· Relative density	Not determined.
· Vapour density	Not determined.
Evaporation rate	Not determined.
Solubility in / Miscibility with	
· water:	Not miscible or difficult to mix.
 Partition coefficient: n-octanol/water 	r: Not determined.
· Viscosity:	
[.] Dynamic:	Not determined.
[.] Kinematic at 20 °C:	0 mm²/s
[.] Solvent content:	
[.] Organic solvents:	50.7 %
· VOC (EC)	780.0 g/l
 Solids content (volume): 	49.3 %
Other information	
· Particle characteristics	Not applicable.
[.] Physical state	Liquid

10 Stability and reactivity

. Reactivity No further relevant information available.

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Chemical stability

. Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

- * **Possibility of hazardous reactions** No dangerous reactions known.
- Conditions to avoid No further relevant information available.
- · Incompatible materials: No further relevant information available.
- * Hazardous decomposition products: No dangerous decomposition products known.

11 Toxicological information

Information on toxicological effects

- [·] Acute toxicity
- LD/LC50 values relevant for classification:

ATE (Acute Toxicity Estimates)

Oral LD50 4.304 mg/kg (rat) Dermal LD50 12.563 mg/kg (rabbit) Inhalative LC50/4 h 26.1 mg/l

71-36-3 butan-1-ol

Oral LD50 790 mg/kg (rat) Dermal LD50 3,400 mg/kg (rabbit)

Inhalative LC50/4 h 8,000 mg/l (rat)

1330-20-7 xylene

Oral LD50 4,300 mg/kg (rat) Dermal LD50 2,000 mg/kg (rabbit) Inhalative LC50/4 h 11 mg/l (ATE)

107-98-2 1-methoxy-2-propanol

OralLD505,660 mg/kg (rat)DermalLD5013,000 mg/kg (rabbit)

Inhalative LC50/4 h 6 mg/l (rat)

13463-67-7 titanium dioxide

 Oral
 LD50
 >20,000 mg/kg (rat)

 Dermal
 LD50
 >10,000 mg/kg (rabbit)

 Inhalative
 LC50/4 h >6.82 mg/l (rat)

78-83-1 butanol

Oral LD50 2,460 mg/kg (rat)

Dermal LD50 3,400 mg/kg (rabbit)

· Primary irritant effect:

· Skin corrosion/irritation Irritant to skin and mucous membranes.

· Serious eye damage/irritation Strong irritant with the danger of severe eye injury.

· Respiratory or skin sensitisation

Sensitisation possible through skin contact.

Sensitising effect through inhalation is possible by prolonged exposure.

[•] Additional toxicological information:

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version: Irritant

CMR effects (carcinogenity, mutagenicity and toxicity for reproduction) Carcinogenicity – Category 2

12 Ecological information

⁻ Toxicity

· Aquatic toxicity:

This product is not toxic for the aquatic life. Nevertheless do not dispose the product or any cleaning solvents used along with this product into the sea

Persistence and degradability

This prouduct contains polyesteric molecules and organic solvents and is not known to be bioaccumulative. It can be considered as biodegradable in small quantities. In case of disposal, it should be treated as a hazardous material and should be disposed accordingly. Do not just throw it away

Behaviour in environmental systems:

- · Bioaccumulative potential No further relevant information available.
- [.] Mobility in soil No further relevant information available.

Ecotoxical effects:

· Remark: Harmful to fish

Additional ecological information:

· General notes:

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water Do not allow product to reach ground water, water course or sewage system. Must not reach sewage water or drainage ditch undiluted or unneutralised. Danger to drinking water if even small quantities leak into the ground.

Harmful to aquatic organisms

Results of PBT and vPvB assessment

- · PBT: This product contains no substance that is considered to be persistent, bioaccumulating or non toxic(PBT).
- · vPvB: This mixture contains no substance that is considered to be very persistent or very bioaccumulating (vPvB).
- Other adverse effects No further relevant information available.

13 Disposal considerations

Waste treatment methods

[.] Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Uncleaned packaging:

· Recommendation: Disposal must be made according to official regulations.

14 Transport information

- [·] UN-Number
- NZS, IMDG, IATA
- UN proper shipping name
- ·NZS
- · IMDG, IATA
- Transport hazard class(es)
- · NZS



· Class

UN1263

UN1263 PAINT PAINT

3 (F1) Flammable liquids.

Continue on page 9 NZ

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· Label	3				
· IMDG, IATA					
· Class	3 Flammable liquids.				
Label	3				
Packing group					
NZS, IMDG, IATA	III				
Environmental hazards:	N.				
Marine pollutant:	No Marging, Elagonachta liguide				
 Special precautions for user Hazard identification number (Kemler code): 	Warning: Flammable liquids. 30				
· EMS Number:	F-E,S-E				
Stowage Category	A				
Transport in bulk according to Annex II	<u>of</u>				
Marpol and the IBC Code	Not applicable.				
[•] Transport/Additional information:					
NZS					
· Limited quantities (LQ)	5L				
Excepted quantities (EQ)	Code: E1				
	Maximum net quantity per inner packaging: 30 ml				
· Transport category	Maximum net quantity per outer packaging: 1000 ml 3				
· Tunnel restriction code	D/E				
·IMDG					
· Limited quantities (LQ)	5L				
Excepted quantities (EQ)	Code: E1				
	Maximum net quantity per inner packaging: 30 ml				
	Maximum net quantity per outer packaging: 1000 ml				
· IATA · Remarks:					
UN "Model Regulation":	HAZ CHEM CODE: 3YE UN 1263 PAINT, 3, III				
on model Regulation .	011 1205 FAINT, 5, 11				
15 Regulatory information					
•3Y					
Safety, health and environmental regulation	tions/legislation specific for the substance or				
mixture					
None of the ingredients is listed.					
· New Zealand Inventory of Chemicals					
71-36-3 butan-1-ol					
14807-96-6 Talc (Mg3H2(SiO3)4)					
1330-20-7 xylene					
107-98-2 1-methoxy-2-propanol					
	13463-67-7 titanium dioxide				
	hydrin) epoxy resin (number average molecular weight \leq 700)				
78-83-1 butanol					
112945-52-5 Silica dioxide					
7664-38-2 phosphoric acid	Continue on page				
	Continue of page				

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1333-86-4 Carbon black 14808-60-7 Quartz (SiO2) 108-88-3 toluene HSNO Approval numbers HSR 002662 HSNO Approval number Surface Coatings and Colourandts (Flammable) Group Standard 2006 Group standard name Refer to section 2 HSNO Hazard classification 71-36-3 butan-1-ol: HSR001096 1330-20-7 xylene: HSR000983 107-98-2 1-methoxy-2-propanol: HSR001187 78-83-1 butanol: HSR001097 · GHS label elements The product is classified and labelled according to the Globally Harmonised System (GHS). Hazard pictograms GHS02 GHS05 GHS07 GHS08 · Signal word Danger · Hazard-determining components of labelling: butan-1-ol titanium dioxide reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight \leq 700) butanol 1-methoxy-2-propanol · Hazard statements H226 Flammable liquid and vapour. H315 Causes skin irritation. H318 Causes serious eye damage. H317 May cause an allergic skin reaction. H351 Suspected of causing cancer. Route of exposure: Inhalation. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H412 Harmful to aquatic life with long lasting effects. Precautionary statements P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 Immediately call a POISON CENTER/doctor. P321 Specific treatment (see on this label). P362+P364 Take off contaminated clothing and wash it before reuse. P405 Store locked up. Dispose of contents/container in accordance with local/regional/national/international regulations. P501 Directive 2012/18/EU · Named dangerous substances - ANNEX I None of the ingredients is listed. Seveso category P5c FLAMMABLE LIQUIDS · Qualifying quantity (tonnes) for the application of lower-tier requirements 5,000 t · Qualifying quantity (tonnes) for the application of upper-tier requirements 50,000 t * Chemical safety assessment: A Chemical Safety Assessment has been carried out. N7

16 Other information

This information is based on our current knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

[·] Reasons for alterations

Relevant phrases
H226 Flammable liquid and vapour.
H302 Harmful if swallowed.
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.
H331 Toxic if inhaled.
H332 Harmful if inhaled.
H335 May cause drowsiness or dizziness.
H351 Suspected of causing cancer.

H411 Toxic to aquatic life with long lasting effects.

Department issuing SDS: Department of Quality Control

Contact:

HB BODY S.A Regulatory Officer Ms Athina Kapourani Ph: +30 2310 790000 email: a.kapourani@hbbody.com * * Data compared to the previous version altered.

Annex: Exposure scenario 1

Short title of the exposure scenario

· Sector of Use

SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

- · Product category PC9a Coatings and paints, thinners, paint removers
- · Process category

PROC8a Transfer of substance or mixture (charging and discharging) at non-dedicated facilities

- Article category AC1 Vehicles
- · Environmental release category ERC2 Formulation into mixture
- Description of the activities / processes covered in the Exposure Scenario See section 1 of the annex to the Safety Data Sheet.
- · Conditions of use According to directions for use.
- · Duration and frequency Frequency of use:

Physical parameters

- The data on the physical chemical properties in the Exposure Scenario is based on the properties of the preparation. Physical state Fluid
- · Concentration of the substance in the mixture The substance is main component.
- · Used amount per time or activity Smaller than 100 g per application.
- [•] Other operational conditions
- · Other operational conditions affecting environmental exposure No special measures required. Use only on hard ground.
- [•] Other operational conditions affecting worker exposure Avoid contact with eyes. Avoid contact with the skin. Avoid long-term or repeated skin contact.
- Do not breathe gas/vapour/aerosol.

Take precautionary measures against static discharge.

- Keep away from sources of ignition No smoking.
- Other operational conditions affecting consumer exposure No special measures required.
- Other operational conditions affecting consumer exposure during the use of the product Not applicable.

[•] Risk management measures

- Worker protection
- · Organisational protective measures

Ensure good ventilation. This can be achieved by using a local exhaustion or general exhaust system. If these measures are insufficient to keep the solvent vapour concentration below the workplace limit, wear an adequate respiratory protective device.

 Technical protective measures Ensure that suitable extractors are available on processing machines Use product only in enclosed systems. Provide explosion-proof electrical equipment.

· Personal protective measures

Do not inhale gases / fumes / aerosols.

Avoid contact with the skin.

Avoid contact with the eyes.

Tightly sealed goggles

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use selfcontained respiratory protective device.

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

• Measures for consumer protection Ensure adequate labelling.

Observe consumer information and advice on safe use.

- · Environmental protection measures
- · Water

Do not allow to reach sewage system. Dispose of this product and its container at hazardous or special waste collection point.

- Do not allow to reach sewage system.
- Generally, prior to the introduction of wastewater into wastewater treatment plants a neutralisation is required. Soil

The product is only processed over the concrete collecting basin.

Prevent contamination of soil.

• **Disposal measures** Ensure that waste is collected and contained.

[.] Disposal procedures

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

· Waste type Partially emptied and uncleaned packaging

Exposure estimation

[.] Consumer

This product is to be used by professional technitians only. Not relevant for this Exposure Scenario.

Guidance for downstream users

Whether the downstream user acts within the scope of the Exposure Scenario can be verified based on the information in sections 1 to 8.

Annex: Exposure scenario 2

- Description of the activities / processes covered in the Exposure Scenario See section 1 of the annex to the Safety Data Sheet.
- Conditions of use According to directions for use.
- · Duration and frequency Frequency of use:
- [•] Physical parameters
- The data on the physical chemical properties in the Exposure Scenario is based on the properties of the preparation.
- · Physical state Fluid
- · Concentration of the substance in the mixture Raw material.
- Other operational conditions
- · Other operational conditions affecting environmental exposure No special measures required.
- Other operational conditions affecting worker exposure
- Avoid contact with eyes.
- Avoid contact with the skin.

Take precautionary measures against static discharge.

- Keep away from sources of ignition No smoking.
- [•] Other operational conditions affecting consumer exposure No special measures required.
- Other operational conditions affecting consumer exposure during the use of the product Not applicable.

[•] Risk management measures

- [·] Worker protection
- · Organisational protective measures
- Ensure good ventilation. This can be achieved by using a local exhaustion or general exhaust system. If these measures are insufficient to keep the solvent vapour concentration below the workplace limit, wear an adequate respiratory protective device.
- Technical protective measures
 Provide explosion-proof electrical equipment.
 Ensure that suitable extractors are available on processing machines
- · Personal protective measures
- Do not inhale gases / fumes / aerosols.
- Avoid contact with the skin.

Avoid contact with the eyes.

Tightly sealed goggles

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation Measures for consumer protection

Ensure adequate labelling.

Observe consumer information and advice on safe use.

- Environmental protection measures
- · Water

Generally, prior to the introduction of wastewater into wastewater treatment plants a neutralisation is required. Do not allow to reach sewage system. Dispose of this product and its container at hazardous or special waste collection point.

- · Soil The product is only processed over the concrete collecting basin.
- **Disposal measures** Ensure that waste is collected and contained.
- [·] Disposal procedures

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

- · Waste type Partially emptied and uncleaned packaging
- Exposure estimation
- [·] Consumer

This product is to be used by professional technitians only. Not relevant for this Exposure Scenario.

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Guidance for downstream users

Whether the downstream user acts within the scope of the Exposure Scenario can be verified based on the information in sections 1 to 8.

Annex: Exposure scenario 3

- Description of the activities / processes covered in the Exposure Scenario See section 1 of the annex to the Safety Data Sheet.
- Conditions of use According to directions for use.
- · Duration and frequency Frequency of use:
- [•] Physical parameters
- The data on the physical chemical properties in the Exposure Scenario is based on the properties of the preparation.
- · Physical state Fluid
- · Concentration of the substance in the mixture Raw material.
- Other operational conditions
- · Other operational conditions affecting environmental exposure No special measures required.
- · Other operational conditions affecting worker exposure
- Avoid contact with the skin.
- Do not breathe gas/vapour/aerosol.
- Take precautionary measures against static discharge.
- Keep away from sources of ignition No smoking.
- [·] Other operational conditions affecting consumer exposure No special measures required.
- Other operational conditions affecting consumer exposure during the use of the product Not applicable.

Risk management measures

- · Worker protection
- Organisational protective measures

Ensure good ventilation. This can be achieved by using a local exhaustion or general exhaust system. If these measures are insufficient to keep the solvent vapour concentration below the workplace limit, wear an adequate respiratory protective device.

- Technical protective measures
 Provide explosion-proof electrical equipment.
 Ensure that suitable extractors are available on processing machines
- · Personal protective measures
- Do not inhale gases / fumes / aerosols.
- Avoid contact with the skin.

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use selfcontained respiratory protective device.

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

• Measures for consumer protection Ensure adequate labelling.

Observe consumer information and advice on safe use.

- Environmental protection measures
- · Water

Do not allow to reach sewage system. Dispose of this product and its container at hazardous or special waste collection point.

- · Soil The product is only processed over the concrete collecting basin.
- **Disposal measures** Ensure that waste is collected and contained.
- [.] Disposal procedures

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

· Waste type Partially emptied and uncleaned packaging

Exposure estimation

[.] Consumer

This product is to be used by professional technitians only. Not relevant for this Exposure Scenario.

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Trade name: P961 ETCH PRIMER

Guidance for downstream users

Whether the downstream user acts within the scope of the Exposure Scenario can be verified based on the information in sections 1 to 8.

NZ