

1 Identification**1.1 Product identifier**Trade name: **P961 1K ETCH PRIMER**

Article number: 320

Application of the substance / the mixture

Priming

Surface protection

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

H.B. 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

email: hbody@hbody.com

Information department:

HB BODY S.A.

B' ENTRANCE BLOCK 50 DA9 & MB6 Str

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Ph: +30 2310 790 000

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www.hbody.com

email: hbody@hbody.com

1.4 Emergency telephone number: CHEMTRECK : 800-494-9300**2 Hazard(s) identification****2.1 Classification of the substance or mixture**

Classification according to Regulation (EC) No 1272/2008



GHS02 Flame

Flammable Liquids 3

H226

Flammable liquid and vapor.



GHS08 Health hazard

Carcinogenicity 2

H351

Suspected of causing cancer. Route of exposure:
Inhalation.

GHS05 Corrosion

Eye Damage 1

H318

Causes serious eye damage.

(Contd. on page 2)

US

Trade name: P961 1K ETCH PRIMER

(Contd. of page 1)



GHS07

Skin Irritation 2	H315	Causes skin irritation.
Sensitization - Skin 1	H317	May cause an allergic skin reaction.
Specific Target Organ Toxicity - Single Exposure 3	H335-H336	May cause respiratory irritation. May cause drowsiness or dizziness.
Aquatic Chronic 3	H412	Harmful to aquatic life with long lasting effects.

2.2 Label elements

- Labelling according to Regulation (EC) No 1272/2008
The product is classified and labeled according to the CLP regulation.
- Hazard pictograms



GHS02



GHS05



GHS07



GHS08

- Signal word Danger
- Hazard-determining components of labeling:
butan-1-ol
titanium dioxide
reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight ≤ 700)
butanol
1-methoxy-2-propanol

Hazard statements

H226	Flammable liquid and vapor.
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-H336	May cause respiratory irritation. May cause drowsiness or dizziness.
H412	Harmful to aquatic life with long lasting effects.

Precautionary statements

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/fume/gas/mist/vapors/spray
P264	Wash thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing must not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P353	If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
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.
P308+P313	IF exposed or concerned: Get medical advice/attention.

(Contd. on page 3)

US

Trade name: P961 1K ETCH PRIMER

(Contd. of page 2)

- P321 Specific treatment (see on this label).
- P362+P364 Take off contaminated clothing and wash it before reuse.
- P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
- P363 Wash contaminated clothing before reuse.
- P370+P378 In case of fire: Use CO₂, powder or water spray to extinguish.
- P403+P233 Store in a well-ventilated place. Keep container tightly closed.
- P403+P235 Store in a well-ventilated place. Keep cool.
- P405 Store locked up.
- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

- Classification system:
- NFPA ratings (scale 0 - 4)



- HMIS-ratings (scale 0 - 4)



- **2.3 Other hazards**
- Results of PBT and vPvB assessment
- PBT: Not applicable.
- vPvB: Not applicable.

3 Composition/information on ingredients

3.2 Chemical characterization: Mixtures

- Description: Mixture of the substances listed below with nonhazardous additions.

Dangerous components:

CAS: 71-36-3	butan-1-ol	15-<20%
EINECS: 200-751-6	Flammable Liquids 3, H226	
Index number: 603-004-00-6	Eye Damage 1, H318	
RTECS: EO 1400000	Acute Toxicity - Oral 4, H302; Skin Irritation 2, H315; Specific Target Organ Toxicity - Single Exposure 3, H335-H336	
CAS: 1330-20-7	xylene	15-<20%
EINECS: 215-535-7	Flammable Liquids 3, H226	
Index number: 601-022-00-9	Acute Toxicity - Dermal 4, H312; Acute Toxicity - Inhalation 4, H332; Skin Irritation 2, H315	
RTECS: ZE 2100000		
CAS: 107-98-2	1-methoxy-2-propanol	10-<15%
EINECS: 203-539-1	Flammable Liquids 3, H226	
Index number: 603-064-00-3	Acute Toxicity - Inhalation 3, H331	
RTECS: UB 7700000	Specific Target Organ Toxicity - Single Exposure 3, H336	
CAS: 13463-67-7	titanium dioxide	10-<15%
EINECS: 236-675-5	Carcinogenicity 2, H351	
Index number: 022-006-00-2		
CAS: 1332-58-7	Kaolin	10-<15%

(Contd. on page 4)
US

Trade name: P961 1K ETCH PRIMER

(Contd. of page 3)

CAS: 25068-38-6	reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average	5-<10%
NLP: 500-033-5	molecular weight ≤ 700)	
Index number: 603-074-00-8	⚠ Aquatic Chronic 2, H411	
	⚠ Skin Irritation 2, H315; Eye Irritation 2A, H319; Sensitization - Skin 1, H317	
CAS: 78-83-1	butanol	≥1-<3%
EINECS: 201-148-0	⚠ Flammable Liquids 3, H226	
Index number: 603-108-00-1	⚠ Eye Damage 1, H318	
RTECS: NP 9625000	⚠ Skin Irritation 2, H315; Specific Target Organ Toxicity - Single Exposure 3, H335-H336	
CAS: 1333-86-4	Carbon black	≥0.1-<0.9%
EINECS: 215-609-9	⚠ Carcinogenicity 2, H351	
RTECS: FF 5150100		

4 First-aid measures

4.1 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.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5 Fire-fighting measures

5.1 Extinguishing media

- Suitable extinguishing agents:
CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.

5.3 Advice for firefighters

- Firefighters should always protective equipment and breathing apparatus when handling fire coming from these products
- Protective equipment: No special measures required.
- Additional information Collect contaminated fire fighting water separately. It must not enter the sewage system.

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

6.2 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.
- Dilute with plenty of water.
- Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up:

- Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- Use neutralizing agent.
- Dispose contaminated material as waste according to section 13.

(Contd. on page 5)
US

Trade name: P961 1K ETCH PRIMER

(Contd. of page 4)

Ensure adequate ventilation.

6.4 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.

Protective Action Criteria for Chemicals

PAC-1:

71-36-3 butan-1-ol: 60 ppm

1330-20-7 xylene: 130 ppm

107-98-2 1-methoxy-2-propanol: 100 ppm

13463-67-7 titanium dioxide: 30 mg/m³

25068-38-6 reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight \leq 700): 90 mg/m³

78-83-1 butanol: 150 ppm

112945-52-5 Silica dioxide: 18 mg/m³

7664-38-2 phosphoric acid: 3 mg/m³

1333-86-4 Carbon black: 9 mg/m³

14808-60-7 Quartz (SiO₂): 0.075 mg/m³

108-88-3 toluene: 67 ppm

PAC-2:

71-36-3 butan-1-ol: 800 ppm

1330-20-7 xylene: 920* ppm

107-98-2 1-methoxy-2-propanol: 160 ppm

13463-67-7 titanium dioxide: 330 mg/m³

25068-38-6 reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight \leq 700): 990 mg/m³

78-83-1 butanol: 1,300 ppm

112945-52-5 Silica dioxide: 100 mg/m³

7664-38-2 phosphoric acid: 30 mg/m³

1333-86-4 Carbon black: 99 mg/m³

14808-60-7 Quartz (SiO₂): 33 mg/m³

108-88-3 toluene: 560 ppm

PAC-3:

71-36-3 butan-1-ol: 8000** ppm

1330-20-7 xylene: 2500* ppm

107-98-2 1-methoxy-2-propanol: 660 ppm

13463-67-7 titanium dioxide: 2,000 mg/m³

25068-38-6 reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight \leq 700): 5,900 mg/m³

78-83-1 butanol: 8000* ppm

112945-52-5 Silica dioxide: 630 mg/m³

7664-38-2 phosphoric acid: 150 mg/m³

1333-86-4 Carbon black: 590 mg/m³

14808-60-7 Quartz (SiO₂): 200 mg/m³

108-88-3 toluene: 3700* ppm

US
(Contd. on page 6)

Trade name: P961 1K ETCH PRIMER

(Contd. of page 5)

* **7 Handling and storage**

· **7.1 Precautions for safe handling**

Ensure good ventilation/exhaustion at the workplace.
Open and handle receptacle with care.
Prevent formation of aerosols.

· Information about protection against explosions and fires:

Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
Keep respiratory protective device available.

· **7.2 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 receptacle tightly sealed.

· **7.3 Specific end use(s)** No further relevant information available.

* **8 Exposure controls/personal protection**

· **8.1 Control parameters**

· Components with limit values that require monitoring at the workplace:

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.

At this time, the other constituents have no known exposure limits.

71-36-3 butan-1-ol

PEL Long-term value: 300 mg/m³, 100 ppm

REL Ceiling limit value: 150 mg/m³, 50 ppm
Skin

TLV Long-term value: 20 ppm

1330-20-7 xylene

PEL Long-term value: 435 mg/m³, 100 ppm

REL Short-term value: 655 mg/m³, 150 ppm
Long-term value: 435 mg/m³, 100 ppm

TLV Long-term value: 20 ppm
BEI, A4

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

REL Short-term value: 540 mg/m³, 150 ppm

Long-term value: 360 mg/m³, 100 ppm

TLV Short-term value: 100 ppm
Long-term value: 50 ppm
A4

1332-58-7 Kaolin

PEL Long-term value: 15* 5** mg/m³
*total dust **respirable fraction

REL Long-term value: 10* 5** mg/m³
*total dust **respirable fraction

TLV Long-term value: 2* mg/m³
E; as respirable fraction, A4

78-83-1 butanol

PEL Long-term value: 300 mg/m³, 100 ppm

REL Long-term value: 150 mg/m³, 50 ppm

(Contd. on page 7)
US

Trade name: P961 1K ETCH PRIMER

(Contd. of page 6)

TLV Long-term value: 50 ppm

1333-86-4 Carbon black

PEL Long-term value: 3.5 mg/m³

REL Long-term value: 3.5* mg/m³

*0.1 in presence of PAHs; See Pocket Guide Apps.A+C

TLV Long-term value: 3* mg/m³

*inhalable fraction, A3

· **Regulatory information**

PEL: Guide to Occupational Exposure Values (OSHA PELs)

REL: Guide to Occupational Exposure Values (NIOSH RELs)

TLV: Guide to Occupational Exposure Values (TLV)

· **Ingredients with biological limit values:**

1330-20-7 xylene

BEI 1.5 g/g creatinine

Medium: urine

Time: end of shift

Parameter: Methylhippuric acids

· **Additional information:** The lists that were valid during the creation were used as basis.

· **8.2 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.

· **Breathing equipment:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

· **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 through 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

(Contd. on page 8)

US

Trade name: P961 1K ETCH PRIMER

(Contd. of page 7)

· Eye protection:



Tightly sealed goggles

· Body protection: Protective work clothing

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

· General Information

· Appearance:

Form: Fluid
Color: According to product specification

· Odor: Characteristic

· Odor threshold: Not determined.

· pH-value: Mixture is non-soluble (in water).

· Change in condition

Melting point/Melting range: Undetermined.
Boiling point/Boiling range: 116-118 °C (240.8-244.4 °F)

· Flash point: 23 - 60 °C (73.4 - 140 °F)

· Flammability (solid, gaseous): Flammable.

· Auto igniting: 270 °C (518 °F)

· Decomposition temperature: Not determined.

· Ignition temperature: Product is not selfigniting.

· Danger of explosion: Risk of explosion by shock, friction, fire or other sources of ignition.

· Explosion limits:

Lower: 1.1 Vol %
Upper: 20 Vol %

· Vapor pressure at 20 °C (68 °F): 12 hPa (9 mm Hg)

· Density at 20 °C (68 °F): 1.17 g/cm³ (9.76365 lbs/gal)

· Relative density: Not determined.

· Vapor density: Not determined.

· Evaporation rate: Not determined.

· Solubility in / Miscibility with

Water: Fully miscible.

· Partition coefficient (n-octanol/water): Not determined.

· Viscosity:

Dynamic: Not determined.
Kinematic: Not determined.

· Solvent content:

Organic solvents: 50.6 %
VOC content: 50.58 %
591.8 g/l / 4.94 lb/gal

Solids content: 36.8 %

(Contd. on page 9)
US

Trade name: P961 1K ETCH PRIMER

(Contd. of page 8)

9.2 Other information

No further relevant information available.

10 Stability and reactivity

· **10.1 Reactivity** No further relevant information available.

· **10.2 Chemical stability**

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

· **10.3 Possibility of hazardous reactions** No dangerous reactions known.

· **10.4 Conditions to avoid** No further relevant information available.

· **10.5 Incompatible materials:** No further relevant information available.

· **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

* **11 Toxicological information**

· **11.1 Information on toxicological effects**

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

· LD/LC50 values that are relevant for classification:

ATE (Acute Toxicity Estimate)

Oral LD50 4,315 mg/kg (rat)

Dermal LD50 12,575 mg/kg (rabbit)

Inhalative LC50/4 h 26.2 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

Oral LD50 5,660 mg/kg (rat)

Dermal LD50 13,000 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)

1333-86-4 Carbon black

Oral LD50 10,000 mg/kg (rat)

· Primary irritant effect:

· on the skin:

Causes skin irritation.

· on the eye:

Causes serious eye damage.

(Contd. on page 10)

US

Trade name: P961 1K ETCH PRIMER

(Contd. of page 9)

- Sensitization:
May cause an allergic skin reaction.
- Additional toxicological information:
- Carcinogenic categories
- IARC (International Agency for Research on Cancer)

 - 1330-20-7 xylene: 3
 - 13463-67-7 titanium dioxide: 2B
 - 14807-96-6 Talc (Mg₃H₂(SiO₃)₄): 3
 - 1333-86-4 Carbon black: 2B
 - 14808-60-7 Quartz (SiO₂): 1
 - 108-88-3 toluene: 3
- NTP (National Toxicology Program)

 - 14808-60-7 Quartz (SiO₂): K
- OSHA-Ca (Occupational Safety & Health Administration)

 - None of the ingredients is listed.
- Germ cell mutagenicity Based on available data, the classification criteria are not met.
- Carcinogenicity
Suspected of causing cancer. Route of exposure: Inhalation.
- Reproductive toxicity Based on available data, the classification criteria are not met.
- Specific target organ toxicity - single exposure
May cause respiratory irritation. May cause drowsiness or dizziness.
- Specific target organ toxicity - repeated exposure Based on available data, the classification criteria are not met.
- Aspiration hazard Based on available data, the classification criteria are not met.

* **12 Ecological information**

- **12.1 Toxicity**
- Aquatic toxicity: No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- Ecotoxicological effects:
- Remark: Harmful to fish
- Additional ecological information:
- General notes:
Water hazard class 2 (Self-assessment): hazardous for water
Do not allow product to reach ground water, water course or sewage system.
Must not reach bodies of water or drainage ditch undiluted or unneutralized.
Danger to drinking water if even small quantities leak into the ground.
Harmful to aquatic organisms
- **12.5 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).
- **12.6 Other adverse effects** No further relevant information available.

US
(Contd. on page 11)

Trade name: P961 1K ETCH PRIMER

(Contd. of page 10)

13 Disposal considerations

13.1 Waste treatment methods

- Recommendation:
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- Uncleaned packagings:
· Recommendation: Disposal must be made according to official regulations.
- Recommended cleansing agent: Water, if necessary with cleansing agents.

14 Transport information

14.1 UN-Number

- DOT, ADR, IMDG, IATA UN1263

14.2 UN proper shipping name

- DOT Paint
- ADR UN1263 PAINT
- IMDG, IATA PAINT

14.3 Transport hazard class(es)

- DOT



- Class 3 Flammable liquids
- Label 3
- ADR



- Class 3 (F1) Flammable liquids
- Label 3
- IMDG, IATA



- Class 3 Flammable liquids
- Label 3

14.4 Packing group

- DOT, ADR, IMDG, IATA III

14.5 Environmental hazards:

- Marine pollutant: No

14.6 Special precautions for user

- Warning: Flammable liquids
- Hazard identification number (Kemler code): 30
- EMS Number: F-E,S-E
- Stowage Category A

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

(Contd. on page 12)
US

Trade name: P961 1K ETCH PRIMER

(Contd. of page 11)

· Transport/Additional information:

· ADR

· Excepted quantities (EQ)

Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

· IMDG

· Limited quantities (LQ)

· Excepted quantities (EQ)

5L

Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

· UN "Model Regulation":

UN 1263 PAINT, 3, III

15 Regulatory information

·3Y

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

None of the ingredients is listed.

· Sara

· Section 355 (extremely hazardous substances):

None of the ingredient is listed.

· Section 313 (Specific toxic chemical listings):

71-36-3 butan-1-ol

1330-20-7 xylene

7664-38-2 phosphoric acid

108-88-3 toluene

· TSCA (Toxic Substances Control Act):

71-36-3 butan-1-ol: ACTIVE

1330-20-7 xylene: ACTIVE

107-98-2 1-methoxy-2-propanol: ACTIVE

13463-67-7 titanium dioxide: ACTIVE

1332-58-7 Kaolin: ACTIVE

25068-38-6 reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight \leq 700): ACTIVE

14807-96-6 Talc (Mg₃H₂(SiO₃)₄): ACTIVE

78-83-1 butanol: ACTIVE

7664-38-2 phosphoric acid: ACTIVE

1333-86-4 Carbon black: ACTIVE

14808-60-7 Quartz (SiO₂): ACTIVE

108-88-3 toluene: ACTIVE

· Hazardous Air Pollutants

1330-20-7 xylene

108-88-3 toluene

· Proposition 65

· Chemicals known to cause cancer:

13463-67-7 titanium dioxide

1333-86-4 Carbon black

14808-60-7 Quartz (SiO₂)

(Contd. on page 13)

US

Trade name: P961 1K ETCH PRIMER

(Contd. of page 12)

· Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

· Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

· Chemicals known to cause developmental toxicity:

108-88-3 toluene

· Cancerogenity categories

· EPA (Environmental Protection Agency)

71-36-3 butan-1-ol: D

1330-20-7 xylene: I

108-88-3 toluene: II

· TLV (Threshold Limit Value)

1330-20-7 xylene: A4

13463-67-7 titanium dioxide: A4

1332-58-7 Kaolin: A4

14807-96-6 Talc (Mg₃H₂(SiO₃)₄): A4

1333-86-4 Carbon black: A4

14808-60-7 Quartz (SiO₂): A2

108-88-3 toluene: A4

· NIOSH-Ca (National Institute for Occupational Safety and Health)

13463-67-7 titanium dioxide

1333-86-4 Carbon black

14808-60-7 Quartz (SiO₂)

· Labelling according to Regulation (EC) No 1272/2008

The product is classified and labeled according to the CLP regulation.

· Hazard pictograms



GHS02 GHS05 GHS07 GHS08

· Signal word Danger

· Hazard-determining components of labeling:

butan-1-ol

titanium dioxide

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

butanol

1-methoxy-2-propanol

· Hazard statements

H226 Flammable liquid and vapor.

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-H336 May cause respiratory irritation. May cause drowsiness or dizziness.

H412 Harmful to aquatic life with long lasting effects.

· Precautionary statements

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

(Contd. on page 14)

Trade name: P961 1K ETCH PRIMER

(Contd. of page 13)

P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/fume/gas/mist/vapors/spray
P264	Wash thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing must not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P353	If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
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.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P321	Specific treatment (see on this label).
P362+P364	Take off contaminated clothing and wash it before reuse.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P363	Wash contaminated clothing before reuse.
P370+P378	In case of fire: Use CO ₂ , powder or water spray to extinguish.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has been carried out.

* **16 Other information**

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

· **Relevant phrases**

- H226 Flammable liquid and vapor.
- 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 respiratory irritation.
- H336 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:**

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