

# Safety Data Sheet

## DUREPOX ETCH PRIMER BASE



Safety Data Sheet dated 29/10/2024, Edition 2 - version 6  
Regulation (EU) n. 2020/878

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

#### 1.1. Product identifier

Identification of the mixture:

Trade name: DUREPOX ETCH PRIMER BASE  
Trade code: D6101.144

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

Identified uses:

primer.

User:

Professional

Uses advised against:

All other uses.

#### 1.3. Details of the supplier of the safety data sheet

Company:

Manufacturer: Resene Automotive & Light Industrial Ltd

32 - 50 Vogel Street, Naenae, Wellington, NEW ZEALAND - tel. +6445770500 - e-mail: roger.hiini@rali.co.nz

NEW ZEALAND POISON CENTRE tel. +64 800 737363 (24 hours/ 7 days).

Distributor/Importer: BOERO BARTOLOMEO S.p.A. - Via Macaggi 19 - 16121 Genova - Tel. +39 010 55001 - Fax +39 010 5500305 - CF/P. IVA/REG. IMPRESE DI GENOVA 00267120103

Competent person responsible for the safety data sheet:

sicurezzaprodotti@boero.it

#### 1.4. Emergency telephone number

Boero Bartolomeo S.p.A. - Tel.+39 010 55001

opening hours: Monday - Tuesday 9.00 am - 5.00 pm

UK: in an emergency the enquirer should call NHS 111/24/Direct (free-to-call medical helplines) or a doctor.

MALTA: tel. 112

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### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP)

Flam. Liq. 2, H225 Highly flammable liquid and vapour.

Skin Irrit. 2, H315 Causes skin irritation.

Eye Dam. 1, H318 Causes serious eye damage.

Muta. 1B, H340 May cause genetic defects.

Carc. 1B, H350 May cause cancer.

Repr. 2, H361 Suspected of damaging fertility or the unborn child.

STOT SE 3, H336 May cause drowsiness or dizziness.

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STOT RE 2, H373 May cause damage to organs through prolonged or repeated exposure.  
Asp. Tox. 1, H304 May be fatal if swallowed and enters airways.

### 2.2. Label elements

Hazard pictograms:



Danger

Hazard statements:

- H225 Highly flammable liquid and vapour.
- H315 Causes skin irritation.
- H318 Causes serious eye damage.
- H340 May cause genetic defects.
- H350 May cause cancer.
- H361 Suspected of damaging fertility or the unborn child.
- H336 May cause drowsiness or dizziness.
- H373 May cause damage to organs through prolonged or repeated exposure.
- H304 May be fatal if swallowed and enters airways.

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, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P280 Wear protective gloves/clothing, eye/face protection and hearing protection.
- P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P308+P313 IF exposed or concerned: Get medical advice/attention.
- P310 Immediately call a POISON CENTER/doctor.
- P331 Do NOT induce vomiting.
- P370+P378 In case of fire use CO2 or chemical powder. Never use water.
- P403+P235 Store in a well-ventilated place. Keep cool.

Special Provisions:

- PROF For professional use only.
- EUH208 Contains formaldehyde ...%. May produce an allergic reaction.

Contains

Solvent naphtha (petroleum), light arom.; Low boiling point naphtha -unspecified; [A complex combination of hydrocarbons obtained from distillation of aromatic streams. It consists predominantly of aromatic hydrocarbons having carbon numbers predominantly in the range of C8 through C10 and boiling in the range of approximately 135 oC to 210 oC (275oF to 410oF).]  
toluene  
butanone; ethyl methyl ketone  
propan-2-ol; isopropyl alcohol; isopropanol

Special provisions according to Annex XVII of REACH and subsequent amendments:

Restricted to professional users.

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### 2.3. Other hazards

Adverse physicochemical, human health and environmental effects:

The main adverse physical-chemical effects for human health and the environment are listed in accordance with Sections 9 to 12 of the safety data sheet

No PBT, vPvB or endocrine disruptor substances present in concentration  $\geq 0.1\%$

Other Hazards:

No other hazards

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## SECTION 3: Composition/information on ingredients

### 3.1. Substances

N.A.

### 3.2. Mixtures

Hazardous components within the meaning of the CLP regulation and related classification:

$\geq 20\%$  -  $< 25\%$  butanone; ethyl methyl ketone

REACH No.: 01-2119457290-43-XXXX, Index number: 606-002-00-3, CAS: 78-93-3, EC: 201-159-0

Flam. Liq. 2 H225 Highly flammable liquid and vapour.

Eye Irrit. 2 H319 Causes serious eye irritation.

STOT SE 3 H336 May cause drowsiness or dizziness.

EUH066 Repeated exposure may cause skin dryness or cracking.

$\geq 20\%$  -  $< 25\%$  toluene

REACH No.: 01-2119471310-51-XXXX, CAS: 108-88-3, EC: 203-625-9

Flam. Liq. 2 H225 Highly flammable liquid and vapour.

Repr. 2 H361 Suspected of damaging fertility or the unborn child.

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.

Skin Irrit. 2 H315 Causes skin irritation.

STOT SE 3 H336 May cause drowsiness or dizziness.

$\geq 15\%$  -  $< 20\%$  propan-2-ol; isopropyl alcohol; isopropanol

REACH No.: 01-2119457558-25-XXXX, Index number: 603-117-00-0, CAS: 67-63-0, EC: 200-661-7

Flam. Liq. 2 H225 Highly flammable liquid and vapour.

Eye Irrit. 2 H319 Causes serious eye irritation.

STOT SE 3 H336 May cause drowsiness or dizziness.

$\geq 10\%$  -  $< 12.5\%$  acetone; propan-2-one; propanone

REACH No.: 01-2119471330-49-XXXX, Index number: 606-001-00-8, CAS: 67-64-1, EC: 200-662-2

Flam. Liq. 2 H225 Highly flammable liquid and vapour.

Eye Irrit. 2 H319 Causes serious eye irritation.

STOT SE 3 H336 May cause drowsiness or dizziness.

EUH066 Repeated exposure may cause skin dryness or cracking.

$\geq 10\%$  -  $< 12.5\%$  butan-1-ol; n-butanol

REACH No.: 01-2119484630-38-XXXX, Index number: 603-004-00-6, CAS: 71-36-3, EC:

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200-751-6

Flam. Liq. 3 H226 Flammable liquid and vapour.

STOT SE 3 H335 May cause respiratory irritation.

Skin Irrit. 2 H315 Causes skin irritation.

Eye Dam. 1 H318 Causes serious eye damage.

STOT SE 3 H336 May cause drowsiness or dizziness.

Acute Tox. 4 H302 Harmful if swallowed.

>= 7% - < 10% Solvent naphtha (petroleum), light arom.; Low boiling point naphtha -unspecified; [A complex combination of hydrocarbons obtained from distillation of aromatic streams. It consists predominantly of aromatic hydrocarbons having carbon numbers predominantly in the range of C8 through C10 and boiling in the range of approximately 135 oC to 210 oC (275oF to 410oF).]

REACH No.: 01-2119486773-24-XXXX, Index number: 649-356-00-4, CAS: 64742-95-6, EC: 265-199-0

Carc. 1B H350 May cause cancer.

Muta. 1B H340 May cause genetic defects.

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

>= 5% - < 7% cyclohexanone

REACH No.: 01-2119453616-35-XXXX, Index number: 606-010-00-7, CAS: 108-94-1, EC: 203-631-1

Flam. Liq. 3 H226 Flammable liquid and vapour.

Acute Tox. 4 H302 Harmful if swallowed.

Eye Dam. 1 H318 Causes serious eye damage.

Acute Tox. 4 H312 Harmful in contact with skin.

Acute Tox. 4 H332 Harmful if inhaled.

Skin Irrit. 2 H315 Causes skin irritation.

>= 1% - < 2.5% phenol; carboic acid; monohydroxybenzene; phenylalcohol

REACH No.: 01-2119471329-32-XXXX, CAS: 108-95-2, EC: 203-632-7

Muta. 2 H341 Suspected of causing genetic defects.

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.

STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.

Skin Corr. 1B H314 Causes severe skin burns and eye damage.

Acute Tox. 3 H301 Toxic if swallowed.

Acute Tox. 3 H311 Toxic in contact with skin.

Acute Tox. 3 H331 Toxic if inhaled.

Specific Concentration Limits:

C >= 3%: Skin Corr. 1B H314

1% <= C < 3%: Skin Irrit. 2 H315

1% <= C < 3%: Eye Irrit. 2 H319

>= 0.25% - < 0.5% o-cresol

REACH No.: 01-2119449552-37-XXXX, Index number: 604-004-00-9, CAS: 95-48-7, EC: 202-423-8

Skin Corr. 1B H314 Causes severe skin burns and eye damage.

Acute Tox. 3 H301 Toxic if swallowed.

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Acute Tox. 3 H311 Toxic in contact with skin.

>= 0.05% - < 0.1% methanol

REACH No.: 01-2119433307-44-XXXX, Index number: 603-001-00-X, CAS: 67-56-1, EC: 200-659-6

Flam. Liq. 2 H225 Highly flammable liquid and vapour.

STOT SE 1 H370 Causes damage to organs.

Acute Tox. 3 H301 Toxic if swallowed.

Acute Tox. 3 H311 Toxic in contact with skin.

Acute Tox. 3 H331 Toxic if inhaled.

Specific Concentration Limits:

C >= 10%: STOT SE 1 H370

3% <= C < 10%: STOT SE 2 H371

>= 0.05% - < 0.1% formaldehyde ...%

Index number: 605-001-00-5, CAS: 50-00-0, EC: 200-001-8

Carc. 1B H350 May cause cancer.

Muta. 2 H341 Suspected of causing genetic defects.

Acute Tox. 3 H301 Toxic if swallowed.

Acute Tox. 3 H311 Toxic in contact with skin.

Acute Tox. 3 H331 Toxic if inhaled.

Skin Corr. 1B H314 Causes severe skin burns and eye damage.

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

Specific Concentration Limits:

C >= 25%: Skin Corr. 1B H314

5% <= C < 25%: Skin Irrit. 2 H315

5% <= C < 25%: Eye Irrit. 2 H319

C >= 5%: STOT SE 3 H335

C >= 0,2%: Skin Sens. 1 H317

SVHC, PBT, vPvB, endocrine disruptor substances:

>= 0.05% - < 0.1% formaldehyde ...%

Index number: 605-001-00-5, CAS: 50-00-0, EC: 200-001-8

SVHC

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## SECTION 4: First aid measures

### 4.1. Description of first aid measures

In case of skin contact:

Remove contaminated clothing immediately and dispose off safely.

In case of eyes contact:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

In case of Ingestion:

Do NOT induce vomiting.

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Give nothing to eat or drink.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

If breathing is irregular or stopped, administer artificial respiration.

Protective measures for first responders

Please refer to section 8.2 of this safety data sheet for the PPE required for first responder interventions.

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

May be fatal if swallowed and enters airways.

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

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Treatment:

None

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## SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

In case of fire use CO<sub>2</sub> or chemical powder. Never use water.

Extinguishing media which must not be used for safety reasons:

Do not use water jets

None in particular.

5.2. Special hazards arising from the substance or mixture

Avoid inhaling the fumes.

5.3. Advice for firefighters

EQUIPMENT

Normal fire-fighting apparel, such as an open-circuit compressed air breathing apparatus (EN 137), flame-resistant coveralls (EN469), flame-resistant gloves (EN 659) and firefighter boots (HO A29 or A30).

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Retain contaminated washing water and dispose it.

Move undamaged containers from immediate hazard area if it can be done safely.

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## SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non emergency personnel:

Do not undertake any action that entails personal risk or without adequate training. Evacuate the surrounding areas. Do not touch or walk on spilled material. Wear suitable protective equipment (including the personal protective equipment under section 8.2 of this safety data sheet) to prevent contamination of skin, eyes and personal clothing. Wear a suitable breathing apparatus when ventilation is inadequate.

Do not inhale mist/vapours. Avoid dispersion of the product in the environment. Follow any relevant internal procedures for personnel not authorised to intervene directly in the case of accidental spillages.

Remove all sources of ignition.

Remove persons to safety.

See protective measures under point 7 and 8.

For emergency responders:

Block the leak if not hazardous. Evacuate unauthorised personnel. Wear suitable protective equipment (consult section 8.2 of this safety data sheet). Follow the relevant internal procedures

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for authorised personnel. Isolate the hazardous area and prevent entry. Ventilate closed spaces before entering.

### 6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

Retain contaminated washing water and dispose it.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

Suitable material for taking up: absorbing material, organic, sand

### 6.3. Methods and material for containment and cleaning up

Wash with plenty of water.

### 6.4. Reference to other sections

See also section 8 and 13

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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

Exercise the greatest care when handling or opening the container.

Adequately ventilated premises.

Advice on general occupational hygiene:

Contaminated clothing should be changed before entering eating areas.

Do not eat or drink while working.

See also section 8 for recommended protective equipment.

### 7.2. Conditions for safe storage, including any incompatibilities

Always keep the containers tightly closed.

Keep away from unguarded flame, sparks, and heat sources. Avoid direct exposure to sunlight.

Keep away from food, drink and feed.

None in particular.

Instructions as regards storage premises:

Cool and adequately ventilated.

Adequately ventilated premises.

### 7.3. Specific end use(s)

See section 1.2

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## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

butanone; ethyl methyl ketone - CAS: 78-93-3

EU - TWA(8h): 600 mg/m<sup>3</sup>, 200 ppm - STEL: 900 mg/m<sup>3</sup>, 300 ppm

ACGIH - TWA(8h): 200 ppm - STEL: 300 ppm - Notes: BEI - URT irr - URT i nadraživanje oka (hr); CNS and PNS impair - CNS i ONS narušiti (hr)

VLE1 - TWA(8h): 600 mg/m<sup>3</sup>, 200 ppm

VLE - STEL: 900 mg/m<sup>3</sup>, 300 ppm

toluene - CAS: 108-88-3

EU - TWA(8h): 192 mg/m<sup>3</sup>, 50 ppm - STEL: 384 mg/m<sup>3</sup>, 100 ppm - Notes: Skin

ACGIH - TWA(8h): 20 ppm - Notes: OTO; A4; BEI - CNS, visual & hearing impair; female repro system eff; pregnancy loss

HRGVI - TWA(8h): 192 mg/m<sup>3</sup>, 50 ppm

HRKGVI - STEL: 384 mg/m<sup>3</sup>, 100 ppm

AT TLV-TWA (8 hours) - TWA(8h): 190 mg/m<sup>3</sup>, 50 ppm

AT TLV-STEL (shterm) - STEL: 380 mg/m<sup>3</sup>, 100 ppm

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B TLV-TWA (8 hours) - TWA(8h): 77 mg/m<sup>3</sup>, 20 ppm - Notes: The absorption of the agent through the skin, mucous membranes or eyes is an important part of the total exposure. It can be the result of both direct contact and its presence in the air.

B TLV-STEL (sh term) - STEL: 384 mg/m<sup>3</sup>, 100 ppm - Notes: the absorption of the agent through the skin, mucous membranes or eyes is an important part of the total exposure. It can be the result of both direct contact and its presence in the air. 15 minutes average value .

DK TLV-TWA (8 hours) - TWA(8h): 94 mg/m<sup>3</sup>, 25 ppm - Notes: Skin.

DK TLV-STEL (shterm) - STEL: 188 mg/m<sup>3</sup>, 50 ppm - Notes: Skin. 15 minutes average value.

FI TLV-TWA (8 hours) - TWA(8h): 81 mg/m<sup>3</sup>, 25 ppm

FI TLV-STEL (shterm) - STEL: 380 mg/m<sup>3</sup>, 100 ppm - Notes: 15 minutes average value.

FR TLV-TWA (8 hours) - TWA(8h): 76.8 mg/m<sup>3</sup>, 20 ppm

FR TLV-STEL (shterm) - STEL: 384 mg/m<sup>3</sup>, 100 ppm - Notes: 15 minutes average value.

DE TLV-TWA(8hAGS) - TWA(8h): 190 mg/m<sup>3</sup>, 50 ppm - Notes: Skin.

DE TLV-STEL(stAGS) - STEL: 380 mg/m<sup>3</sup>, 100 ppm - Notes: Skin. 15 minutes average value.

DE TLV-TWA (8 hours) - TWA(8h): 190 mg/m<sup>3</sup>, 50 ppm - Notes: Skin.

DE TLV-STEL - STEL: 380 mg/m<sup>3</sup>, 100 ppm - Notes: Skin. 15 minutes average value.

HU TLV-TWA (8 hours) - TWA(8h): 190 mg/m<sup>3</sup> - Notes: Skin.

HU TLV-STEL (shterm) - STEL: 380 mg/m<sup>3</sup> - Notes: Skin. 15 minutes average value.

IR TLV-TWA - TWA(8h): 192 mg/m<sup>3</sup>, 50 ppm

IR TLV-STEL - STEL: 384 mg/m<sup>3</sup>, 100 ppm - Notes: 15 minutes average value.

VLE1 - TWA(8h): 192 mg/m<sup>3</sup>, 50 ppm - Notes: Skin.

LV TLV-TWA (8 hours) - TWA(8h): 50 mg/m<sup>3</sup>, 14 ppm

LV TLV-STEL (shterm) - STEL: 150 mg/m<sup>3</sup>, 40 ppm - Notes: 15 minutes average value.

NO TLV-TWA (8 hours) - TWA(8h): 94 mg/m<sup>3</sup>, 25 ppm - Notes: Skin.

PL TLV-TWA (8 hours) - TWA: 100 mg/m<sup>3</sup> - Notes: Skin.

PL TLV-STEL (shterm) - STEL: 200 mg/m<sup>3</sup> - Notes: Skin. 15 minutes average value.

RO TLV-TWA (8 hours) - TWA(8h): 192 mg/m<sup>3</sup>, 50 ppm

RO TLV-STEL (shterm) - STEL: 384 mg/m<sup>3</sup>, 100 ppm - Notes: 15 minutes average value.

ES TLV-TWA (8 hours) - TWA(8h): 192 mg/m<sup>3</sup>, 50 ppm - Notes: Skin.

ES TLV-STEL (shterm) - STEL: 384 mg/m<sup>3</sup>, 100 ppm - Notes: Skin. 15 minutes average value.

MAK - TWA(8h): 192 mg/m<sup>3</sup>, 50 ppm - STEL: 384 mg/m<sup>3</sup>, 100 ppm - Notes: 15 minutes average value.

CH TLV-TWA (8 hours) - TWA(8h): 190 mg/m<sup>3</sup>, 50 ppm

CH TLV-STEL (shterm) - STEL: 780 mg/m<sup>3</sup>, 200 ppm

NL TLV-TWA (8 hours) - TWA(8h): 159 mg/m<sup>3</sup>, 39 ppm

NL TLV-STEL (shterm) - STEL: 384 mg/m<sup>3</sup>, 100 ppm - Notes: 15 minutes average value.

GB TLV-TWA - TWA(8h): 191 mg/m<sup>3</sup>, 50 ppm - Notes: Skin.

GB TLV-STEL - STEL: 384 mg/m<sup>3</sup>, 100 ppm - Notes: Skin. 15 minutes average value.

propan-2-ol; isopropyl alcohol; isopropanol - CAS: 67-63-0

ACGIH - TWA(8h): 200 ppm - STEL: 400 ppm - Notes: A4, BEI - BEI - URT irr - URT i nadraživanje oka (hr); CNS impair - CNS narušiti (hr)

VLE1 - TWA: 999 mg/m<sup>3</sup>, 400 ppm

VLE - STEL: 1250 mg/m<sup>3</sup>, 500 ppm

HRKGVI - STEL: 1250 mg/m<sup>3</sup>, 500 ppm

HRGVI - TWA: 999 mg/m<sup>3</sup>, 400 ppm

acetone; propan-2-one; propanone - CAS: 67-64-1

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EU - TWA(8h): 1210 mg/m<sup>3</sup>, 500 ppm  
ACGIH - TWA(8h): 250 ppm - STEL: 500 ppm - Notes: A4, BEI - URT and eye irr, CNS impair  
HRGVI - TWA: 1210 mg/m<sup>3</sup>, 500 ppm  
butan-1-ol; n-butanol - CAS: 71-36-3  
ACGIH - TWA(8h): 20 ppm - Notes: Eye and URT irr  
HRKGV - TWA: 154 mg/m<sup>3</sup>, 50 ppm - Notes: koža  
cyclohexanone - CAS: 108-94-1  
EU - TWA(8h): 40.8 mg/m<sup>3</sup>, 10 ppm - STEL: 81.6 mg/m<sup>3</sup>, 20 ppm - Notes: Skin  
ACGIH - TWA(8h): 20 ppm - STEL: 50 ppm - Notes: Skin, A3, BEI - Eye and URT irr  
HRGVI - TWA: 40.8 mg/m<sup>3</sup>, 10 ppm - Notes: koža  
HRKGV - STEL: 81.6 mg/m<sup>3</sup>, 20 ppm - Notes: koža  
phenol; carboic acid; monohydroxybenzene; phenylalcohol - CAS: 108-95-2  
EU - TWA(8h): 8 mg/m<sup>3</sup>, 2 ppm - STEL: 16 mg/m<sup>3</sup>, 4 ppm - Notes: Skin  
ACGIH - TWA(8h): 5 ppm - Notes: Skin, A4, BEI - URT irr, lung dam, CNS impair  
AT TLV-TWA (8 hours) - TWA(8h): 8 mg/m<sup>3</sup>, 2 ppm  
AT TLV-STEL (shterm) - STEL: 16 mg/m<sup>3</sup>, 4 ppm  
B TLV-TWA (8 hours) - TWA(8h): 8 mg/m<sup>3</sup>, 2 ppm - Notes: The absorption of the agent through the skin, mucous membranes or eyes is an important part of the total exposure. It can be the result of both direct contact and its presence in the air.  
B TLV-STEL (sh term) - STEL: 16 mg/m<sup>3</sup>, 4 ppm - Notes: The absorption of the agent through the skin, mucous membranes or eyes is an important part of the total exposure. It can be the result of both direct contact and its presence in the air. 15 minutes average value.  
DK TLV-TWA (8 hours) - TWA(8h): 4 mg/m<sup>3</sup>, 1 ppm - Notes: Skin.  
DK TLV-STEL (shterm) - STEL: 8 mg/m<sup>3</sup>, 2 ppm - Notes: Skin. 15 minutes average value.  
FI TLV-TWA (8 hours) - TWA(8h): 8 mg/m<sup>3</sup>, 2 ppm  
FI TLV-STEL (shterm) - STEL: 16 mg/m<sup>3</sup>, 4 ppm - Notes: 15 minutes average value  
FR TLV-TWA (8 hours) - TWA(8h): 7.8 mg/m<sup>3</sup>, 2 ppm  
FR TLV-STEL (shterm) - STEL: 15.6 mg/m<sup>3</sup>, 4 ppm - Notes: Restrictive statutory limit values Skin. 15 minutes average value.  
DE TLV-TWA(8hAGS) - TWA(8h): 8 mg/m<sup>3</sup>, 2 ppm - Notes: Inhalable fractionand vapour. Skin.  
DE TLV-STEL(stAGS) - STEL: 16 mg/m<sup>3</sup>, 4 ppm - Notes: Inhalable fractionand vapour. Skin. 15 minutes average value.  
HU TLV-TWA (8 hours) - TWA(8h): 8 mg/m<sup>3</sup> - Notes: Skin.  
HU TLV-STEL (shterm) - STEL: 16 mg/m<sup>3</sup> - Notes: Skin. 15 minutes average value.  
IR TLV-TWA - TWA(8h): 8 mg/m<sup>3</sup>, 2 ppm  
IR TLV-STEL - STEL: 16 mg/m<sup>3</sup>, 4 ppm - Notes: 15 minutes reference period.  
VLE1 - TWA(8h): 8 mg/m<sup>3</sup>, 2 ppm - Notes: Skin.  
VLE - STEL: 16 mg/m<sup>3</sup>, 4 ppm - Notes: Skin. 15 minutes average value.  
LV TLV-TWA (8 hours) - TWA(8h): 8 mg/m<sup>3</sup>, 2 ppm  
LV TLV-STEL (shterm) - STEL: 16 mg/m<sup>3</sup>, 4 ppm - Notes: 15 minutes average value.  
NO TLV-TWA (8 hours) - TWA(8h): 4 mg/m<sup>3</sup>, 1 ppm - Notes: Skin.  
NO TLV-STE (shterm) - STEL: 12 mg/m<sup>3</sup>, 3 ppm - Notes: Skin. 15 minutes average value.  
PL TLV-TWA (8 hours) - TWA(8h): 7.8 mg/m<sup>3</sup> - Notes: Skin.  
PL TLV-STEL (shterm) - STEL: 16 mg/m<sup>3</sup> - Notes: Skin. 15 minutes average value.  
RO TLV-TWA (8 hours) - TWA(8h): 8 mg/m<sup>3</sup>, 2 ppm  
RO TLV-STEL (shterm) - STEL: 16 mg/m<sup>3</sup>, 4 ppm - Notes: 15 minutes average value.  
ES TLV-TWA (8 hours) - TWA(8h): 8 mg/m<sup>3</sup>, 2 ppm - Notes: Skin.

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ES TLV-STEL (shterm) - STEL: 16 mg/m<sup>3</sup>, 4 ppm - Notes: Skin. 15 minutes average value.

MAK - TWA(8h): 4 mg/m<sup>3</sup>, 1 ppm - STEL: 16 mg/m<sup>3</sup>, 4 ppm - Notes: 15 minutes average value.

CH TLV-TWA (8 hours) - TWA(8h): 19 mg/m<sup>3</sup>, 5 ppm

CH TLV-STEL (shterm) - STEL: 19 mg/m<sup>3</sup>, 5 ppm

NL TLV-TWA (8 hours) - TWA(8h): 8 mg/m<sup>3</sup>, 2 ppm - Notes: Skin.

GB TLV-TWA - TWA(8h): 7.8 mg/m<sup>3</sup>, 2 ppm - Notes: Skin.

GB TLV-STEL - STEL: 16 mg/m<sup>3</sup>, 4 ppm - Notes: Skin. 15 minutes average value.

HRKGV I - TWA(8h): 8 mg/m<sup>3</sup>, 2 ppm

HRKGV I - STEL: 16 mg/m<sup>3</sup>, 4 ppm

o-cresol - CAS: 95-48-7

EU - TWA(8h): 22 mg/m<sup>3</sup>, 5 ppm

ACGIH - TWA(8h): 20 mg/m<sup>3</sup> - Notes: (IFV), Skin, A4 - URT irr

methanol - CAS: 67-56-1

ACGIH - TWA(8h): 200 ppm - STEL: 250 ppm - Notes: Skin, BEI - Headache, eye dam, dizziness, nausea

EU - TWA(8h): 260 mg/m<sup>3</sup>, 200 ppm - Notes: Skin

formaldehyde ...% - CAS: 50-00-0

EU - TWA(8h): 0.37 mg/m<sup>3</sup>, 0.3 ppm - STEL: 0.74 mg/m<sup>3</sup>, 0.6 ppm - Notes: Dermal sensitisation

MAK - TWA: 0.74 mg/m<sup>3</sup> - STEL: 0.37 mg/m<sup>3</sup>

ACGIH - TWA(8h): 0.1 ppm - STEL: 0.3 ppm - Notes: DSEN, RSEN, A1 - URT and eye irr, URT cancer

HRGVI - TWA: 2.5 mg/m<sup>3</sup>, 2 ppm - Notes: alergen koža, Karc1B

HRKGV I - STEL: 2.5 mg/m<sup>3</sup>, 2 ppm - Notes: alergen koža, Karc1B

### DNEL Exposure Limit Values

toluene - CAS: 108-88-3

Worker Industry: 384 mg/m<sup>3</sup> - Consumer: 226 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Short Term, local effects

Worker Industry: 384 mg/m<sup>3</sup> - Consumer: 226 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Short Term, systemic effects

Worker Industry: 192 mg/m<sup>3</sup> - Consumer: 56.5 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, local effects

Worker Industry: 192 mg/m<sup>3</sup> - Consumer: 56.5 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Worker Industry: 384 mg/kg - Consumer: 226 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects

### PNEC Exposure Limit Values

toluene - CAS: 108-88-3

Target: Fresh Water - Value: 0.68 mg/L

Target: Freshwater sediments - Value: 16.39 mg/L

Target: Soil (agricultural) - Value: 2.89 mg/kg

Target: Microorganisms in sewage treatments - Value: 13.61 mg/L

Target: Marine water sediments - Value: 16.39 mg/L

### Biological Exposure Index

butanone; ethyl methyl ketone - CAS: 78-93-3

Value: 4.08 3 - medium: Urine - Biological Indicator: 93 - Sampling Period: 1

toluene - CAS: 108-88-3

Value: 1 mg/L - medium: Blood - Biological Indicator: Toluene in blood - Sampling Period:

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## DUREPOX ETCH PRIMER BASE

1  
Value: 0.83 5 - medium: 2 - Biological Indicator: Toluene in blood - Sampling Period: DU  
Value: 2.5 4 - medium: Urine - Biological Indicator: 77 - Sampling Period: 1  
Value: 1 1 - medium: Urine - Biological Indicator: o-Cresol in urine - Sampling Period: 1  
propan-2-ol; isopropyl alcohol; isopropanol - CAS: 67-63-0  
Value: 50 mg/L - medium: Blood - Biological Indicator: Acetone in blood - Sampling Period:  
1  
Value: 50 mg/L - medium: Urine - Biological Indicator: Acetone in blood - Sampling Period:  
1  
acetone; propan-2-one; propanone - CAS: 67-64-1  
Value: 20 mg/L - medium: Blood - Biological Indicator: Acetone in blood - Sampling Period:  
1  
Value: 20 1 - medium: Urine - Biological Indicator: Acetone in urine - Sampling Period: 1  
phenol; carboic acid; monohydroxybenzene; phenylalcohol - CAS: 108-95-2  
Value: 120 mgg creatinina - medium: Urine - Biological Indicator: 97 - Sampling Period: 1  
methanol - CAS: 67-56-1  
Value: 7.0 mgg creatinina - medium: Urine - Biological Indicator: Methyl alcohol in urine -  
Sampling Period: 1

### 8.2. Exposure controls

#### Appropriate engineering controls:

Given that the use of appropriate technical measures should always take priority over personal protective equipment, ensure good ventilation in the workplace through effective on-site extraction ventilation.

Personal protective equipment must bear CE marking certifying conformity with the standards in force.

Provide an emergency shower with an eyewash station.

Exposure levels should be kept as low as possible to avoid significant accumulation in the body. Manage personal protective equipment in order to ensure maximum protection (e.g. reducing replacement times).

#### Eye protection:

Use goggles/facemask certified UNI EN 166.

Use close fitting safety goggles, don't use eye lens.

#### Protection for skin:

Suitable protective clothing is required for complete skin protection: for example coveralls with long sleeves and trousers, rubber boots and apron, etc., according to UNI EN 14325.

#### Protection for hands:

Use protective gloves: waterproof rubber gloves certified UNI EN 374. Nitrile gloves provide good protection. Use care in selecting a penetration time of the gloves longer than the foreseen usage time.

#### Respiratory protection:

Use adequate protective respiratory equipment: a carbon filter mask with filters certified UNI EN 149 or dust masks certified UNI EN 140. Filters of types A and P types may be considered.

#### Thermal Hazards:

None

#### Environmental exposure controls:

See sections 6 and 13

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## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

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DUREPOX ETCH PRIMER BASE

Properties	Value	Method:	Notes
Physical state:	Liquid	--	--
Colour:	yellow	--	--
Odour:	solvent-like	--	--
Odour threshold:	N. D.	--	--
Melting point/freezing point:	N. D.	--	--
Boiling point or initial boiling point and boiling range:	56 - 148	--	--
Flammability:	Flam. Liq. 2, H225	--	--
Lower and upper explosion limit:	N. D.	--	--
Flash point:	9 °C	--	--
Auto-ignition temperature:	9 °C	--	--
Decomposition temperature:	N. D.	--	--
pH:	N.A.	--	--
Kinematic viscosity:	<= 20,5 mm <sup>2</sup> /sec (40 °C)	--	--
Viscosity (23°C±0.5°C)	min - max	--	--
Spindle:		--	--
Speed (rpm):		--	--
Solubility in water:	insoluble	--	--
Partition coefficient n-octanol/water (log value):	N. D.	--	--
Vapour pressure:	5.94	--	--
Density and/or relative density:	1	--	--
Relative vapour density:	2.7	--	--
Particle characteristics:			

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## DUREPOX ETCH PRIMER BASE

Particle size:	N.A.	--	--
----------------	------	----	----

### 9.2. Other information

Properties	Value	Method:	Notes
Explosive properties:	sup (%) 10.3 - inf (%) 1.7	--	--
Miscibility:	No	--	--
Conductivity:	N. D.	--	--
Oxidizing properties:	N. D.	--	--
Fat Solubility:	N. D.	--	--

---

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No hazardous reaction to report under normal conditions of use and storage (refer to section 7.2)

### 10.2. Chemical stability

The product is stable under normal conditions of use and storage (refer to section 7.2).

### 10.3. Possibility of hazardous reactions

None under normal conditions of use and storage (refer to section 7.2). Always keep containers tightly sealed.

### 10.4. Conditions to avoid

Keep away from naked flames, sparks and heat sources. Avoid exposure to direct sunlight.

### 10.5. Incompatible materials

Avoid contact with combustible materials. The product could catch fire.

### 10.6. Hazardous decomposition products

Gases and vapours potentially harmful to health may be released through thermal decomposition or in the event of fire.

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## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Toxicological information of the product:

DUREPOX ETCH PRIMER BASE

#### a) acute toxicity

Not classified

Based on available data, the classification criteria are not met

#### b) skin corrosion/irritation

The product is classified: Skin Irrit. 2 H315

#### c) serious eye damage/irritation

The product is classified: Eye Dam. 1 H318

#### d) respiratory or skin sensitisation

Not classified

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Based on available data, the classification criteria are not met

- e) germ cell mutagenicity  
The product is classified: Muta. 1B H340
- f) carcinogenicity  
The product is classified: Carc. 1B H350
- g) reproductive toxicity  
The product is classified: Repr. 2 H361
- h) STOT-single exposure  
The product is classified: STOT SE 3 H336
- i) STOT-repeated exposure  
The product is classified: STOT RE 2 H373
- j) aspiration hazard  
The product is classified: Asp. Tox. 1 H304

Toxicological information of the main substances found in the product:

butanone; ethyl methyl ketone - CAS: 78-93-3

a) acute toxicity:

Test: LD50 - Route: oral - Species: rat > 2054 mg/kg

Test: LD50 - Route: dermal - Species: rabbit > 10 ml/kg

c) serious eye damage/irritation:

Test: Eye Irritant - Species: rabbit

propan-2-ol; isopropyl alcohol; isopropanol - CAS: 67-63-0

a) acute toxicity:

Test: LD50 - Route: oral - Species: rat = 5840 mg/kg

Test: LC50 - Route: inhalation - Species: rat > 10000 Ppm - Duration: 18207.6h

Test: LD50 - Route: dermal - Species: rabbit = 16.4 ml/kg

b) skin corrosion/irritation:

Test: Skin Corrosive - Route: dermal - Species: rabbit Negative - Notes: OECD 404

c) serious eye damage/irritation:

Test: Eye Corrosive - Species: rabbit Positive - Notes: OECD 405

methanol - CAS: 67-56-1

a) acute toxicity:

Test: LD50 - Route: oral - Species: rat = 5628 mg/kg

Test: LC50 - Route: inhalation - Species: rat = 64000 Ppm - Duration: 4h

Test: LD50 - Route: dermal - Species: rat = 15800 mg/kg

### 11.2. Information on other hazards

Endocrine disrupting properties:

No endocrine disruptor substances present in concentration  $\geq 0.1\%$

---

## SECTION 12: Ecological information

### 12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment.

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Not classified for environmental hazards

Based on available data, the classification criteria are not met

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## DUREPOX ETCH PRIMER BASE

butanone; ethyl methyl ketone - CAS: 78-93-3

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 2993 mg/l - Duration h: 96

Endpoint: EC50 - Species: Daphnia = 308 mg/l - Duration h: 48

Endpoint: EC50 - Species: Algae = 2029 mg/l - Duration h: 96

toluene - CAS: 108-88-3

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Algae = 12.5 mg/l - Duration h: 72

Endpoint: EC50 - Species: Daphnia = mg/l - Duration h: 48

propan-2-ol; isopropyl alcohol; isopropanol - CAS: 67-63-0

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 9640 mg/l - Duration h: 96

Endpoint: EC50 - Species: Daphnia > 10000 mg/l - Duration h: 24

Endpoint: EC50 - Species: Algae = 1800 mg/l - Duration h: 168

### 12.2. Persistence and degradability

There is no data available on the preparation itself.

butanone; ethyl methyl ketone - CAS: 78-93-3

Biodegradability: Readily biodegradable - Test: CO2 production - %: 98 - Notes: 28 d

propan-2-ol; isopropyl alcohol; isopropanol - CAS: 67-63-0

Biodegradability: Readily biodegradable - %: 70 - Notes: 10 d

### 12.3. Bioaccumulative potential

There is no data available on the preparation itself.

propan-2-ol; isopropyl alcohol; isopropanol - CAS: 67-63-0

Test: Kow - Partition coefficient 0.05 - Notes: mg/l

### 12.4. Mobility in soil

There is no data available on the preparation itself.

N.A.

### 12.5. Results of PBT and vPvB assessment

vPvB Substances: None - PBT Substances: None

### 12.6. Endocrine disrupting properties

No endocrine disruptor substances present in concentration  $\geq 0.1\%$

### 12.7. Other adverse effects

None

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## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Directives 91/156/CEE, 91/689/CEE, 94/62/CE.

EWC CODE 080111

Do not empty into drains, ground or waterways. Dispose of product residues and related containers at a collection point for hazardous or special waste or, where appropriate, through an authorized waste disposal company.

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## SECTION 14: Transport information



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## DUREPOX ETCH PRIMER BASE

### 14.1. UN number or ID number

ADR-UN Number: 1263  
IATA-UN Number: 1263  
IMDG-UN Number: 1263

### 14.2. UN proper shipping name

ADR-Shipping Name: PAINT  
IATA-Shipping Name: PAINT  
IMDG-Shipping Name: PAINT

### 14.3. Transport hazard class(es)

ADR-Class: 3  
UN no.: UN 1263  
ADR - Hazard identification number: 33  
IATA-Class: 3  
IATA-Label: 3  
IMDG-Class: 3  
Erg-code: 3L

### 14.4. Packing group

ADR-Packing Group: II  
IATA-Packing group: II  
IMDG-Packing group: II

### 14.5. Environmental hazards

ADR-Environmental Pollutant: No  
IMDG-Marine pollutant: No  
IMDG-EmS: F-E , S-E

### 14.6. Special precautions for user

ADR-Subsidiary hazards: -  
ADR-S.P.: 163 367 640C 650  
ADR-Transport category (Tunnel restriction code): 2 (D/E)  
ADR-Limited Quantities: 5 L  
ADR-Excepted Quantities: E2  
IATA-Passenger Aircraft: 353  
IATA-Subsidiary hazards: -  
IATA-Cargo Aircraft: 364  
IATA-S.P.: A3 A72 A192  
IATA-ERG: 3L  
IMDG-Subsidiary hazards: -  
IMDG-Stowage and handling: Category B  
IMDG-Segregation: -

### 14.7. Maritime transport in bulk according to IMO instruments

N.A.



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## DUREPOX ETCH PRIMER BASE

### SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture  
Regulation (EU) n. 2020/878

Dir. 89/391/CEE and subsequent amendments (Risks related to chemical agents at work and Occupational exposure limit values). Directive 1999/13/EC and subsequent amendments (limitation of emissions of volatile organic compounds due to the use of organic solvents in certain activities and installations). Regulation (CE) n. 1907/2006 , Regulation (CE) 830/2015 and subsequent amendments (concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals - REACH). Regulation (CE) n.1272/2008 and subsequent amendments (on classification, labeling and packaging of substances and mixtures - CLP).

International Maritime Dangerous Goods Code, IATA Dangerous Goods Regulation, International Carriage of Dangerous Goods by Road (ADR).

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

Restrictions related to the product:

Restriction 3

Restriction 40

Restrictions related to the substances contained:

Restriction 28

Restriction 29

Restriction 48

Restriction 69

Restriction 72

Restriction 75

77

Restriction 3 is not applicable because the mixture does not fall within the restrictions mentioned in Annex XVII of EC Regulation No. 1907/2006.

Restriction 40 is not applicable because the mixture does not fall within the restrictions mentioned in Annex XVII of EC Regulation No. 1907/2006.

Restriction 69 is not applicable because the mixture does not fall within the restrictions mentioned in Annex XVII of EC Regulation No. 1907/2006.

Restriction 75 is not applicable because the mixture does not fall within the restrictions mentioned in Annex XVII of EC Regulation No. 1907/2006.

Where applicable, refer to the following regulatory provisions :

Directive 2004/42/CE on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products. Regulation UE No 649/2012 concerning the export and import of dangerous chemicals. Regulation UE n. 528/2012 concerning the making available on the market and use of biocidal products.

Directive 2012/18/EU (Seveso III)

Regulation (EC) No. 648/2004 (detergents).

Directive 2004/42/CE on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products.

Regulation (EC) No 689/2006 concerning the export and import of dangerous chemicals.

Dir. 2004/42/EC (VOC directive)

SVHC Substances:

formaldehyde ...%

Carcinogenic

Provisions related to directive EU 2012/18 (Seveso III):

Seveso III category according to Annex 1, part 1

Product belongs to category: P5c

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## DUREPOX ETCH PRIMER BASE

### 15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out for the mixture.

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## SECTION 16: Other information

Full text of phrases referred to in Section 3:

- H350 May cause cancer.
- H341 Suspected of causing genetic defects.
- H301 Toxic if swallowed.
- H311 Toxic in contact with skin.
- H331 Toxic if inhaled.
- H314 Causes severe skin burns and eye damage.
- H317 May cause an allergic skin reaction.
- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H370 Causes damage to organs.
- H371 May cause damage to organs.
- H335 May cause respiratory irritation.

<b>Hazard class and hazard category</b>	<b>Code</b>	<b>Description</b>
Flam. Liq. 2	2.6/2	Flammable liquid, Category 2
Flam. Liq. 3	2.6/3	Flammable liquid, Category 3
Acute Tox. 3	3.1/3/Dermal	Acute toxicity (dermal), Category 3
Acute Tox. 3	3.1/3/Inhal	Acute toxicity (inhalation), Category 3
Acute Tox. 3	3.1/3/Oral	Acute toxicity (oral), Category 3
Acute Tox. 4	3.1/4/Dermal	Acute toxicity (dermal), Category 4
Acute Tox. 4	3.1/4/Inhal	Acute toxicity (inhalation), Category 4
Acute Tox. 4	3.1/4/Oral	Acute toxicity (oral), Category 4
Asp. Tox. 1	3.10/1	Aspiration hazard, Category 1
Skin Corr. 1B	3.2/1B	Skin corrosion, Category 1B
Skin Irrit. 2	3.2/2	Skin irritation, Category 2
Eye Dam. 1	3.3/1	Serious eye damage, Category 1
Eye Irrit. 2	3.3/2	Eye irritation, Category 2
Skin Sens. 1	3.4.2/1	Skin Sensitisation, Category 1

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Muta. 1B	3.5/1B	Germ cell mutagenicity, Category 1B
Muta. 2	3.5/2	Germ cell mutagenicity, Category 2
Carc. 1B	3.6/1B	Carcinogenicity, Category 1B
Repr. 2	3.7/2	Reproductive toxicity, Category 2
STOT SE 1	3.8/1	Specific target organ toxicity - single exposure, Category 1
STOT SE 2	3.8/2	Specific target organ toxicity - single exposure, Category 2
STOT SE 3	3.8/3	Specific target organ toxicity - single exposure, Category 3
STOT RE 2	3.9/2	Specific target organ toxicity - repeated exposure, Category 2
Aquatic Chronic 2	4.1/C2	Chronic (long term) aquatic hazard, category 2

Paragraphs modified from the previous revision:

- SECTION 8: Exposure controls/personal protection
- SECTION 11: Toxicological information
- SECTION 12: Ecological information
- SECTION 13: Disposal considerations
- SECTION 15: Regulatory information

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

<b>Classification according to Regulation (EC) Nr. 1272/2008</b>	<b>Classification procedure</b>
Flam. Liq. 2, H225	On basis of test data
Skin Irrit. 2, H315	Calculation method
Eye Dam. 1, H318	Calculation method
Muta. 1B, H340	Calculation method
Carc. 1B, H350	Calculation method
Repr. 2, H361	Calculation method
STOT SE 3, H336	Calculation method
STOT RE 2, H373	Calculation method

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## DUREPOX ETCH PRIMER BASE

Asp. Tox. 1, H304	Calculation method
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This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre,  
Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van  
Nostrand Reinold

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
ATE:	Acute Toxicity Estimate
ATEmix:	Acute toxicity Estimate (Mixtures)
CAS:	Chemical Abstracts Service (division of the American Chemical Society).
CLP:	Classification, Labeling, Packaging.
DNEL:	Derived No Effect Level.
EINECS:	European Inventory of Existing Commercial Chemical Substances.
GefStoffVO:	Ordinance on Hazardous Substances, Germany.
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWA:	Time-weighted average
WGK:	German Water Hazard Class.