

COO-VAR®

Paints, Primers and Specialist Coatings

SAFETY DATA SHEET 101/W101 - ACID ETCH FOR FLOORS

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

1.1. Product identifier

Product name 101/W101 - ACID ETCH FOR FLOORS

Product number 101/W101/1

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

Identified uses Etchant / cleaner.

1.3. Details of the supplier of the safety data sheet

Supplier

COO-VAR
Lockwood Street
Hull
HU2 0HN
+44 (0) 1482 328053(T)
+44 (0) 1482 219266(F)
info@coo-var.co.uk

Contact person Technical Department -, 08.30 - 16.30 hrs Mon - Thurs, 08.30 - 15.00 hrs Fri, as above

1.4. Emergency telephone number

Emergency telephone +44 (0) 1482 328053 (08.30 - 16.30 hrs Mon - Thurs, 08.30 - 15.00 hrs Fri)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H335

Environmental hazards Not Classified

Classification (67/548/EEC or 1999/45/EC) Xi;R36/37/38.

2.2. Label elements

Pictogram



Signal word Warning

Hazard statements
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.

101/W101 - ACID ETCH FOR FLOORS

Precautionary statements

P271 Use only outdoors or in a well-ventilated area.
 P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P313 Get medical advice/ attention.
 P405 Store locked up.
 P501 Dispose of contents/ container to ...

Supplementary precautionary statements

P261 Avoid breathing vapour/ spray.
 P264 Wash contaminated skin thoroughly after handling.
 P302+P352 IF ON SKIN: Wash with plenty of water.
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P312 Call a POISON CENTER/ doctor if you feel unwell.
 P332+P313 If skin irritation occurs: Get medical advice/ attention.
 P337 If eye irritation persists:
 P362 Take off contaminated clothing.
 P403+P233 Store in a well-ventilated place. Keep container tightly closed.
 P321 Specific treatment (see medical advice on this label).

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

HYDROCHLORIC ACID 100%	10-30%
CAS number: 7647-01-0	EC number: 231-595-7
Classification	Classification (67/548/EEC or 1999/45/EC)
Skin Corr. 1B - H314	C;R34 Xi;R37
Eye Dam. 1 - H318	
STOT SE 3 - H335	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Never give anything by mouth to an unconscious person.

Inhalation Remove affected person from source of contamination. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues. Place unconscious person on their side in the recovery position and ensure breathing can take place. Consult a physician for specific advice.

Ingestion Rinse nose, mouth and throat with water. Consult a physician for specific advice.

Skin contact Remove affected person from source of contamination. Rinse immediately with plenty of water. Remove contaminated clothing.

Eye contact Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Consult a physician for specific advice.

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

General information Get medical attention promptly if symptoms occur after washing.

Inhalation Irritation of nose, throat and airway.

Ingestion May cause chemical burns in mouth and throat.

101/W101 - ACID ETCH FOR FLOORS

Skin contact May cause serious chemical burns to the skin.

Eye contact Severe irritation, burning and tearing.

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

Notes for the doctor No specific recommendations. If in doubt, get medical attention promptly.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Use fire-extinguishing media suitable for the surrounding fire.

Unsuitable extinguishing media Water spray.

5.2. Special hazards arising from the substance or mixture

Specific hazards Toxic gases or vapours.

5.3. Advice for firefighters

Protective actions during firefighting Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk.

Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid inhalation of vapours and contact with skin and eyes. Provide adequate ventilation. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent escape of liquid.

6.2. Environmental precautions

Environmental precautions Do not discharge into drains or watercourses or onto the ground. Contain spillages using bunding.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Avoid the spillage or runoff entering drains, sewers or watercourses. Absorb in vermiculite, dry sand or earth and place into containers. Collect and place in suitable waste disposal containers and seal securely. For waste disposal, see Section 13.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

101/W101 - ACID ETCH FOR FLOORS

Usage precautions

Avoid spilling. Avoid contact with skin and eyes. Avoid the formation of mists. Provide adequate ventilation. Avoid inhalation of vapours. Use approved respirator if air contamination is above an acceptable level. Do not use in confined spaces without adequate ventilation and/or respirator. Observe any occupational exposure limits for the product or ingredients. Avoid inhalation of vapours and spray/mists. Do not eat, drink or smoke when using the product. The Manual Handling Operations Regulations may apply to the handling of containers of this product. To assist employers, the following method of calculating the weight for any pack size is given. Take the pack size volume in litres and multiply this figure by the specific gravity value given in section 9. This will give the net weight of the coating in kilograms. Allowance will then have to be made for the immediate packaging to give an approximate gross weight.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Keep containers upright. Store in tightly closed original container in a dry, cool and well-ventilated place.

Storage class Acid reactive storage.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

HYDROCHLORIC ACID 100%

Short-term exposure limit (15-minute): OES 7.6 mg/m³

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate general and local exhaust ventilation. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection

Wear chemical splash goggles.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. Barrier cream applied before work may make it easier to clean the skin after exposure, but does not prevent absorption through the skin.

Other skin and body protection

Wear appropriate clothing to prevent reasonably probable skin contact.

Hygiene measures

No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.

Respiratory protection

No specific recommendations. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

101/W101 - ACID ETCH FOR FLOORS

Appearance	Thin Clear liquid.
Colour	Red. Brown.
Odour	Characteristic. Acidic.
pH	pH (concentrated solution): ~1
Initial boiling point and range	100°C @ 760 mm Hg
Flash point	°C Not applicable.
Relative density	1.05 @ @ 20 C°C
Solubility(ies)	Soluble in water.
Viscosity	non-viscous @ °C
Oxidising properties	Does not meet the criteria for classification as oxidising.

9.2. Other information

Volatility	100
Volatile organic compound	No information required.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	The following materials may react with the product: Alkalis. The following materials may react strongly with the product: Alkaline earth metals. Powdered metal.
-------------------	--

10.2. Chemical stability

Stability	Stable at normal ambient temperatures and when used as recommended.
------------------	---

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Will not occur
---	----------------

10.4. Conditions to avoid

Conditions to avoid	Avoid heat. Toxic chlorine gas produced by contact with sodium hypochlorite
----------------------------	---

10.5. Incompatible materials

Materials to avoid	Oxydising agents and strongly acidic materials.
---------------------------	---

10.6. Hazardous decomposition products

Hazardous decomposition products	Thermal decomposition or combustion products may include the following substances: Vapours/gases/fumes of: Hydrogen chloride (HCl).
---	--

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Inhalation	Vapour from this product may be hazardous by inhalation. Vapour may irritate respiratory system/lungs.
Ingestion	Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract.
Skin contact	This product is strongly irritating. Prolonged contact may cause burns.
Eye contact	Irritating to eyes.

101/W101 - ACID ETCH FOR FLOORS

Acute and chronic health hazards This product is corrosive. This product may cause skin and eye irritation. Prolonged contact may cause burns.

Route of entry Inhalation Ingestion. Skin and/or eye contact.

Toxicological information

SECTION 12: Ecological Information

Ecotoxicity The product is not expected to be hazardous to the environment.

12.1. Toxicity

Acute toxicity - fish LC₅₀, 96 hours: PRIMARY ALCOHOL ETHOXYLATE 1-10mg/l mg/l, Algae

12.2. Persistence and degradability

Persistence and degradability The product is biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential The product is not bioaccumulating.

12.4. Mobility in soil

Mobility Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

Other adverse effects Not determined.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information When handling waste, the safety precautions applying to handling of the product should be considered. Waste is classified as hazardous waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

Waste class Neutralised empty packages, are categorised as non-hazardous waste, with code 15 01 02(plastic packaging) or 15 01 04 (metal packaging)

SECTION 14: Transport information

General This product is packed in accordance with the Limited Quantity Provisions of CDGCPL2, ADR and IMDG.

14.1. UN number

UN No. (ADR/RID) 1789

UN No. (IMDG) 1789

UN No. (ICAO) 1789

14.2. UN proper shipping name

Proper shipping name (ADR/RID) HYDROCHLORIC ACID (LESS THAN 25%)

Proper shipping name (IMDG) HYDROCHLORIC ACID (LESS THAN 25%)

Proper shipping name (ICAO) HYDROCHLORIC ACID (LESS THAN 25%)

101/W101 - ACID ETCH FOR FLOORS

Proper shipping name (ADN) HYDROCHLORIC ACID (LESS THAN 25%)

14.3. Transport hazard class(es)

ADR/RID class	1789
ADR/RID label	8
IMDG class	8
ICAO class/division	8
ICAO subsidiary risk	Packing instructions: 819(P&CA);821(PAO)

Transport labels



14.4. Packing group

ADR/RID packing group	III
IMDG packing group	III

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant
No.

14.6. Special precautions for user

EmS	8F-A, S-B
Emergency Action Code	CI
Hazard Identification Number (ADR/RID)	80

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

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

SECTION 15: Regulatory information

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

National regulations	The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716). EH40/2005 Workplace exposure limits. Health and Safety at Work etc. Act 1974 (as amended). Control of Substances Hazardous to Health Regulations 2002 (as amended) The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2007 (CDG 2007). Dangerous Substances and Explosive Atmospheres Regulations 2002 [SI 2002: 2776] The Manual Handling Operations Regulations 1992 [SI 1992:2793]
-----------------------------	--

101/W101 - ACID ETCH FOR FLOORS

EU legislation	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended). Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).
Guidance	Safety Data Sheets for Substances and Preparations. Approved Classification and Labelling Guide (Sixth edition) L131. Dangerous Substances and Explosive Atmospheres Regulations 2002 [L138]

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Revision comments	Issued in new format for Reach compliance in accordance with EC 1272/2008 Issued in accordance with Annex II to REACH, as amended by Commission Regulation (EU) No. 453/2010
Issued by	Technical Dept. (P.E.)
Revision date	30/07/2015
Revision	6
Supersedes date	18/05/2015
SDS number	10622
SDS status	Approved.
Signature	Initials_____
Risk phrases in full	R34 Causes burns. R36/37/38 Irritating to eyes, respiratory system and skin. R37 Irritating to respiratory system.
Hazard statements in full	H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H319 Causes serious eye irritation. H335 May cause respiratory irritation.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.