

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 06.03.2019

Version number 8

Revision: 10.04.2018

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

1.1 Product identifier

Trade name: CoronaShield® P 8003

Article number: 112280

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

No further relevant information available.

Application of the substance / the mixture Coating compound/ Surface coating/ paint

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Von Roll Schweiz AG
Passwangstrasse 20
4226 Breitenbach
Schweiz

Further information obtainable from:

Product Safety Department
e-mail: sds.breitenbach@vonroll.com

1.4 Emergency telephone number: 24 hours emergency number +41 61 785 54 25

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008



GHS02 flame

Flam. Liq. 3 H226 Flammable liquid and vapour.



GHS07

Skin Irrit. 2 H315 Causes skin irritation.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

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

Hazard pictograms GHS02, GHS07

Signal word Warning

Hazard statements

H226 Flammable liquid and vapour.

H315 Causes skin irritation.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P241 Use explosion-proof electrical/ventilating/lighting equipment.

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.

P332+P313 If skin irritation occurs: Get medical advice/attention.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Additional information:

Contains 2-butanone oxime. May produce an allergic reaction.

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

SECTION 3: Composition/information on ingredients

- . **3.2 Chemical characterisation: Mixtures**
- . **Description:** Mixture of substances listed below with nonhazardous additions.

. Dangerous components:

CAS: 1330-20-7 EINECS: 215-535-7	xylene, mixed isomers, pure ⚠ Flam. Liq. 3, H226; ⚠ Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315	25-50%
CAS: 100-41-4 EINECS: 202-849-4	ethylbenzene ⚠ Flam. Liq. 2, H225; ⚠ STOT RE 2, H373; Asp. Tox. 1, H304; ⚠ Acute Tox. 4, H332	2.5-10%
CAS: 96-29-7 EINECS: 202-496-6	2-butanone oxime ⚠ Carc. 2, H351; ⚠ Eye Dam. 1, H318; ⚠ Acute Tox. 4, H312; Skin Sens. 1, H317	<2.5%

- . **Additional information** For the wording of the listed hazard phrases refer to section 16.

SECTION 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; consult doctor in case of complaints.
- . **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** Call a doctor immediately.
- . **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.

SECTION 5: Firefighting measures

- . **5.1 Extinguishing media**
- . **Suitable extinguishing agents** CO2, sand, extinguishing powder. Do not use water.
- . **For safety reasons unsuitable extinguishing agents** Water with full jet.
- . **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
- . **5.3 Advice for firefighters**
- . **Protective equipment:** Mount respiratory protective device.

SECTION 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 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).
Dispose contaminated material as waste according to item 13.

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Ensure adequate ventilation.

Do not flush with water or aqueous cleansing agents

. 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.

SECTION 7: Handling and storage

. 7.1 Precautions for safe handling Prevent formation of aerosols.

. **Information about fire - and explosion protection:**

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

. 7.2 Conditions for safe storage, including any incompatibilities

. **Storage**

. **Requirements to be met by storerooms and receptacles:** Store in a cool location.

. **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.

SECTION 8: Exposure controls/personal protection

. **Additional information about design of technical facilities:** No further data; see item 7.

. 8.1 Control parameters

. **Ingredients with limit values that require monitoring at the workplace:**

1330-20-7 xylene, mixed isomers, pure

WEL Short-term value: 441 mg/m³, 100 ppm

Long-term value: 220 mg/m³, 50 ppm

Sk; BMGV

100-41-4 ethylbenzene

WEL Short-term value: 552 mg/m³, 125 ppm

Long-term value: 441 mg/m³, 100 ppm

Sk

. **Ingredients with biological limit values:**

1330-20-7 xylene, mixed isomers, pure

BMGV 650 mmol/mol creatinine

Medium: urine

Sampling time: post shift

Parameter: methyl hippuric acid

. **Additional information:** The lists valid during the making 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.

Avoid contact with the skin.

Avoid contact with the eyes and skin.

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. Respiratory protection:

Filter A/P2.

Not necessary if room is well-ventilated.

. 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

Fluorocarbon rubber (Viton)

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.

. Eye protection:



Tightly sealed goggles.

SECTION 9: Physical and chemical properties

. 9.1 Information on basic physical and chemical properties

. General Information

. Appearance:

Form: Fluid

Colour: Grey

. Odour: Characteristic

. Change in condition

Melting point/freezing point: undetermined

Initial boiling point and boiling range: 137 °C

. Flash point: 30 °C

. Ignition temperature: >370 °C

. Auto-ignition temperature: Product is not selfigniting.

. Explosive properties: Product is not explosive. However, formation of explosive air/ vapour mixtures are possible.

. Explosion limits:

Lower: 1.1 Vol %

Upper: 7 Vol %

. Vapour pressure at 20 °C: 6.7-8.2 hPa

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. Density at 20 °C:	1.1 g/cm ³
. Solubility in / Miscibility with Water:	Not miscible or difficult to mix
. Viscosity: dynamic at 20 °C:	450 mPas
kinematic:	Not determined.
. 9.2 Other information	No further relevant information available.

SECTION 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

SECTION 11: Toxicological information

- . 11.1 Information on toxicological effects
- . Acute toxicity Based on available data, the classification criteria are not met.
- . Primary irritant effect:
- . Skin corrosion/irritation
Causes skin irritation.
- . Serious eye damage/irritation Based on available data, the classification criteria are not met.
- . Respiratory or skin sensitisation Based on available data, the classification criteria are not met.
- . CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)
- . Germ cell mutagenicity Based on available data, the classification criteria are not met.
- . Carcinogenicity Based on available data, the classification criteria are not met.
- . Reproductive toxicity Based on available data, the classification criteria are not met.
- . STOT-single exposure Based on available data, the classification criteria are not met.
- . STOT-repeated exposure Based on available data, the classification criteria are not met.
- . Aspiration hazard Based on available data, the classification criteria are not met.

SECTION 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.
- . Additional ecological information:
- . General notes:
Do not allow product to reach ground water, water course or sewage system.
Danger to drinking water if even small quantities leak into the ground.
- . 12.5 Results of PBT and vPvB assessment
- . PBT: Not applicable.
- . vPvB: Not applicable.

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. 12.6 Other adverse effects No further relevant information available.

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SECTION 13: Disposal considerations

. 13.1 Waste treatment methods

. Recommendation Must be specially treated adhering to official regulations.

. Uncleaned packaging:

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

SECTION 14: Transport information

. 14.1 UN-Number

. ADR, IMDG, IATA

UN1866

. 14.2 UN proper shipping name

. ADR

1866 RESIN SOLUTION

. IMDG, IATA

RESIN SOLUTION

. 14.3 Transport hazard class(es)

. ADR, IMDG, IATA



. Class

3 Flammable liquids.

. Label

3

. 14.4 Packing group

. ADR, IMDG, IATA

III

. 14.5 Environmental hazards:

. Marine pollutant:

No

. 14.6 Special precautions for user

Warning: Flammable liquids.

. Danger code (Kemler):

30

. EMS Number:

F-E, S-E

. Stowage Category

A

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

Not applicable.

. Transport/Additional information:

. ADR

. 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

. Transport category

3

. Tunnel restriction code

D/E

. IMDG

. Limited quantities (LQ)

5L

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. Excepted quantities (EQ)

Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

. UN "Model Regulation":

UN 1866 RESIN SOLUTION, 3, III

SECTION 15: Regulatory information

. 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
. Directive 2012/18/EU
. 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

. REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3

. National regulations
. Technical instructions (air):

Class	Share in %
NK	47.0

. 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 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.

Use products in accordance with our data sheet!

Poison Emergency Phone:

Tox-Center +41/1/251 51 51

. Relevant phrases

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H332 Harmful if inhaled.

H351 Suspected of causing cancer.

H373 May cause damage to the hearing organs through prolonged or repeated exposure.

. Department issuing SDS:

Product Safety Department

e-mail: sds.breitenbach@vonroll.com

. Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

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EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Flam. Liq. 2: Flammable liquids – Category 2
Flam. Liq. 3: Flammable liquids – Category 3
Acute Tox. 4: Acute toxicity – Category 4
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Skin Sens. 1: Skin sensitisation – Category 1
Carc. 2: Carcinogenicity – Category 2
STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2
Asp. Tox. 1: Aspiration hazard – Category 1

. * Data compared to the previous version altered.

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