

**Material Safety Data Sheet (MSDS)
according to 91/155/EG**

date of issue : 01.11.2016

I. PRODUCT AND COMPANY IDENTIFICATION

Produkt name : **PRO+XTREME™**
Product specification : concrete sealer and hardener
Manufacturer : PRO+XTREME Germany GmbH
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II. PRODUCT SPECIFICATIONS

Description : liquid clear to amber alkaline silicate solution
Components : silicate solution containing ingredients 1*, 2*, 3*
water

III. HAZARDS

Hazard ingredients : none
Restrictions : alkaline liquid could cause skin or eye irritations, gastric distress

IV. FIRST AID

Potential health effects : no known
First Aid in case contact: inhalation: expose to fresh air
skin: wash off with clear water
eyes: rinse with water, contact eye specialist
ingestion: drink large quantities of water or milk, contact internal
specialist, do not induce vomiting

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Fire extinguishing agents : none, not flammable

Unsafe fire extinguishing agents: none

Specific hazards : none

Hazardous combustions : none

VI. ENVIRONMENTAL RELEASE MEASURES

Material is alkaline and will irritate the eyes in directly contact. Wash small quantities to sanitary sewer. The reaction product is environmentally safe.

VII. HANDLING AND STORAGE

Keep container closed when not in use. Protect from extreme temperatures. Keep chemicals in general out of reach of children.
storage class: not-flammable

VIII. EXPOSURE CONTROLS / PERSONAL PROTECTIVE GEAR

Technical protection : Use corrosion-resistant ventilation exhaust.

Personal protection : gloves: neoprene or rubber
eye protection: google with side shield, safety eyebath
breathing organs: protective breathing equipment in case of aerosol formation
skin protection: wear suitable protective clothing when handling

IX. PHYSICAL AND CHEMICAL PROPERTIES

Appearance :	liquid
Color :	clear
Odor :	odourless
Boiling point :	100° C
Freezing point :	0° C
pH :	approx. 11.0
Vapor pressure :	2,27 kPa
Vapor density :	< 1
Gravity :	1.1

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IX. STABILITY REACTIVITY

Stability : yes
Conditions to avoid : extreme temperature
Incompatibility : aluminium, zinc, light metals and there alloys by forming hydrogen peroxides, will etch glass, strong acids, strong oxidizers

X. TOXICOLOGICAL INFORMATION

Name : inorganic silicate
Acute toxicity : oral LD50 rat: >10.000mg/kg
dermal LD50 no known
inhaling LC50 no known

XI. ECOLOGICAL INFORMATION

No data are available on the adverse effects of this material on the environment. Neither COD nor BOD data are available. Based on the chemical composition of this product it is assumed that the mixture can be treated in an acclimatized biological waste treatment plant system in limited quantities. However, such treatment should be evaluated and approved for each specific biological system. None of the ingredients classified as a Marine Pollutant.

XII. DISPOSAL NOTES

Dispose of in accordance with Local, State, and Federal Regulations. Consult your local, state, or Federal Environmental Protection Agency before disposing of any chemicals.

XIII. REGULATIONS

Description : inorganic silicate solution
EU-number : not applicable
R-rates : none
S-rates : S2 Keep out of the reach of children.
S24 Avoid contact with skin.
S25 Avoid contact with eyes
S28 After contact with skin, wash immediately with soap and water.
other information : none