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**1 Identification of the substance/preparation and of the company/undertaking****· Product details****· Trade name:** Supron® U 3448**· Article number:** 090630**· Application of the substance / the preparation** Coating material**· Manufacturer/Supplier:**

Weserland GmbH

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Due operating hours

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**2 Hazards identification****· Hazard description:** Not applicable.**· Information concerning particular hazards for human and environment:** Not applicable.**3 Composition/information on ingredients****· Chemical characterization:****· CAS No. Description**

Aqueous dispersion of a self-crosslinking acrylic polymer.

**· Identification number(s)** The base materials of the polymer are included in the EINECS Inventory.**· Chemical characterization****· Dangerous components:**

CAS NO.	Description	%	Index	R-phrases
	alcohols, ethoxlated	≤ 2	%	Xi R 41

**4 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.**· After swallowing:** Seek medical advice immediately show this material safety data sheet.**5 Fire-fighting measures****· Suitable extinguishing agents:**CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.**· Special hazards caused by the substance, its products of combustion or resulting gases:**

May be released in case of fire:

harmfulgases/vapours

**· Protective equipment:** Wear self-contained respiratory protective device.

(Contd. on page 2)

Printing date 01.10.2007

Revision: 01.10.2007

**Trade name: Supron® U 3448**

(Contd. of page 1)

**· Additional information**

Being an aqueous system, product itself does not burn. Fire extinguishing measures to be adopted to ambient fire.

\* **6 Accidental release measures**

- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:** Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **Additional information:** No dangerous substances are released.

\* **7 Handling and storage**

- **Handling:**
- **Information for safe handling:** No special measures required.
- **Information about fire - and explosion protection:** No special measures required.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store only in the original receptacle.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**  
Store dry and cool, protect from frost.  
+5 - +30°C
- **Storage class:** Storage classification (VCI-D): 12 Non-combustible liquids.

\* **8 Exposure controls/personal protection**

- **Additional information about design of technical facilities:**  
In latex processing (e.g. in drying operations): Provide good ventilation or extraction.
- **Ingredients with limit values that require monitoring at the workplace:** Not required.
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
The usual precautionary measures are to be adhered to when handling chemicals.
- **Respiratory protection:**  
In case of dusts/vapours/aerosols being formed or if the limit values like TLV are exceeded: use respiratory equipment with suitable filter (filter type AX) or wear a self contained respiratory apparatus.
- **Protection of hands:**



Protective gloves

**· Material of gloves**

Rubber gloves  
(EN 374)

**· 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:**

Safety glasses  
(EN 166)

**· Body protection:**

Protective work clothing

(Contd. on page 3)

Printing date 01.10.2007

Revision: 01.10.2007

**Trade name: Supron® U 3448**

(EN 344)

(Contd. of page 2)

## 9 Physical and chemical properties

### · General Information

<b>Form:</b>	Liquid
<b>Colour:</b>	White
<b>Odour:</b>	Ester-like

### · Change in condition

**Melting point/Melting range:** Undetermined.  
**Boiling point/Boiling range:** ~ 100°C

· **Flash point:** Not applicable.

· **Danger of explosion:** Product does not present an explosion hazard.

· **Vapour pressure at 20°C:** ~ 23 hPa

· **Density at 20°C:** ~ 1 g/cm<sup>3</sup>

· **Solubility in / Miscibility with water:** Fully miscible.

· **pH-value at 20°C:** 2 - 3

### · Viscosity:

**Dynamic at 20°C:** 100 - 500 mPas (Haake VT02)

## 10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Dangerous reactions** No dangerous reactions known.
- **Dangerous decomposition products:**  
Very small quantities of formaldehyde may be formed.  
(drying operations)

## 11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** Possibly irritating (data from literature).
- **on the eye:** Possibly irritating (data from literature).
- **Additional toxicological information:**  
When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.  
The substance is not subject to classification according to the latest version of the EU lists.

## 12 Ecological information

- **General notes:**  
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

GB

(Contd. on page 4)

Printing date 01.10.2007

Revision: 01.10.2007

**Trade name: Supron® U 3448**

(Contd. of page 3)

**13 Disposal considerations**

- **Product:**
- **Recommendation** Smaller quantities can be disposed of with household waste.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

**14 Transport information**

- **Land transport ADR/RID (cross-border)**
- **ADR/RID class:** -

- **Maritime transport IMDG:**
- **IMDG Class:** -
- **Marine pollutant:** No

- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -

- **Transport/Additional information:** Not dangerous according to the above specifications.

**15 Regulatory information**

- **Labelling according to EU guidelines:**  
The substance is not subject to classification according to EU lists and other sources of literature known to us.  
Observe the general safety regulations when handling chemicals.
- **Safety phrases:**  
36/37 Wear suitable protective clothing and gloves.

**16 Other information**

The product is classified in waste water relevance level (ARS) I according to procedure of the self-obligation statement.

Thus these textile auxiliaries are less relevant to waste water.

The information is based on the current state of our knowledge. The information is intended to describe the products and is thus not significant for assuring certain properties.

- **Department issuing MSDS:** Quality / env. dept.
- **Contact:** Mr. Ehrle, email ehrle@weserland.eu
- **\* Data compared to the previous version altered.**