Safety Data Sheet

according to Regulation (EC) No 1907/2006

Vinyl-Rubber Extra

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

1.1. Product identifier
Vinyl-Rubber Extra

1.2. Relevant identified uses of the substance or mixture and uses advised against
Use of the substance/mixture
Special care product for plastic and rubber

1.3. Details of the supplier of the safety data sheet
Company name: nextzett GmbH
Street: An der Höhe 15
Place: D-51674 Wiehl-Marienhagen
Telephone: +49 2261 6095433 Telefax: +49 2261 6095429
e-mail: matthias.gregorzewski@nextzett.de
Contact person: Mr. Gregorzewski
Internet: www.nextzett.de
Responsible Department: Mr. Gregorzewski

1.4. Emergency telephone
TRANSPORTATION AND MEDICAL EMERGENCY PHONE NUMBER
number:
CHEMTEL 1-800-255-3924 (USA AND CANADA); +1-813-248-0585 (Worldwide International)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Classification according to Regulation (EC) No. 1272/2008 [CLP]
Hazard categories:
Serious eye damage/eye irritation: Eye Irrit. 2
Hazard Statements:
Causes serious eye irritation.

2.2. Label elements
Signal word: Warning
Pictograms: GHS07

Hazard statements
H319 Causes serious eye irritation.

Precautionary statements
P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Additional advice on labelling

Product is classified and labelled in accordance with EC regulations or the corresponding national laws.

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

2.3. Other hazards

High slip hazard because of leaking or spilled product.

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Preparation on the basis of polymer emulsions and scent extracts.

<table>
<thead>
<tr>
<th>Hazardous components</th>
<th>Chemical name</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS No</td>
<td>Classification according to Directive 67/548/EEC</td>
<td></td>
</tr>
<tr>
<td>Index No</td>
<td>Classification according to Regulation (EC) No. 1272/2008 [CLP]</td>
<td></td>
</tr>
<tr>
<td>REACH No</td>
<td>Classification according to Regulation (EC) No. 1272/2008 [CLP]</td>
<td></td>
</tr>
<tr>
<td>200-578-6</td>
<td>ethanol, ethyl alcohol</td>
<td>1 - &lt; 5 %</td>
</tr>
<tr>
<td>64-17-5</td>
<td>F - Highly flammable R11</td>
<td></td>
</tr>
<tr>
<td>603-002-00-5</td>
<td>Flm. Liq. 2; H225</td>
<td></td>
</tr>
<tr>
<td>67923-07-3</td>
<td>Xi - Irritant R38-41</td>
<td></td>
</tr>
<tr>
<td>500-027-2</td>
<td>Skin Irrit. 2, Eye Dam. 1; H315 H318</td>
<td></td>
</tr>
<tr>
<td>9043-30-5</td>
<td>Acute Tox. 4, Eye Dam. 1; H302 H318</td>
<td></td>
</tr>
</tbody>
</table>

Full text of R, H and EUH phrases: see section 16.

Labelling for contents according to Regulation (EC) No 648/2004

< 5 % non-ionic surfactants, perfumes, preservation agents (Methylisothiazolinone).

Further Information

contains:

- BENZISOTHIAZOLINONE
- METHYLISOTHIAZOLINONE
- LIMONENE

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

If victim is at risk of losing consciousness, position and transport on their side. Self-protection of the first aider

Move victim out of danger zone. Remove contaminated, saturated clothing immediately.
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After inhalation
In case of inhaling spray mist, consult a doctor immediately and show him packing or label. In case of breathing difficulties administer oxygen.

After contact with skin
After contact with skin, wash immediately with: Water and soap.

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

After ingestion
Rinse mouth immediately and drink plenty of water.

4.2. Most important symptoms and effects, both acute and delayed
The following symptoms may occur: Allergic reactions.

4.3. Indication of any immediate medical attention and special treatment needed
In all cases of doubt, or when symptoms persist, seek medical advice.

SECTION 5: Firefighting measures

5.1. Extinguishing media
Suitable extinguishing media
The product itself does not burn. Co-ordinate fire-fighting measures to the fire surroundings.

Unsuitable extinguishing media
High power water jet.

5.2. Special hazards arising from the substance or mixture
In case of fire may be liberated: Carbon monoxide. Carbon dioxide (CO2).

5.3. Advice for firefighters
In case of fire: Wear self-contained breathing apparatus.

Additional information
Fire remains and contaminated fire-fighting water must be disposed according to the local official rules.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Keep away from unprotected people. Keep upwind. Wear personal protection equipment.

6.2. Environmental precautions
Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up
Suitable material for taking up: diatomaceous earth. Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections
See protective measures under point 7 and 8.
Treat the recovered material as prescribed in the section on waste disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Advice on safe handling

The following must be prevented: skin contact. Eye contact.

Further information on handling

Use only in well-ventilated areas.
When diluting, always get the water first and then add the product.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels
Keep only in the original container in a cool, well-ventilated place.

Advice on storage compatibility
Keep away from food, drink and animal feedingstuffs.

Further information on storage conditions
Keep container tightly closed.

7.3. Specific end use(s)

Observe technical data sheet.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Substance</th>
<th>ppm</th>
<th>mg/m³</th>
<th>fibres/ml</th>
<th>Category</th>
<th>Origin</th>
</tr>
</thead>
<tbody>
<tr>
<td>64-17-5</td>
<td>Ethanol</td>
<td>1000</td>
<td>1920</td>
<td>-</td>
<td>TWA (8 h)</td>
<td>WEL</td>
</tr>
</tbody>
</table>

8.2. Exposure controls

Appropriate engineering controls
Refer to chapter 7. No further action is necessary.

Protective and hygiene measures
Avoid contact with skin, eyes and clothes. When using do not eat, drink or smoke.

Eye/face protection
Tightly sealed safety glasses. gemäß DIN EN 166

Hand protection
Tested protective gloves are to be worn: nach DIN EN 374
Suitable material:
CR (polychloroprene, Chloroprene rubber):
Thickness of glove material: 0,75 mm; penetration time (maximum wearing period): 480 min. NBR (Nitrile rubber):
Thickness of glove material: 0,55 mm; penetration time (maximum wearing period): 480 min. NR (Natural rubber (Caoutchouc), Natural latex):

Skin protection
Wear suitable protective clothing.

Respiratory protection
Respiratory protection necessary at: aerosol or mist generation.
particulates filter device (DIN EN 143). P1 (white)
Use only respiratory protection equipment with CE-symbol including four digit test number.
Observe the wear time limits according GefStoffV in combination with the rules for using respiratory
protection apparatus (BGR 190).

Environmental exposure controls
No information available.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value (at 20 °C)</th>
<th>Test method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>liquid</td>
<td></td>
</tr>
<tr>
<td>Colour</td>
<td>light blue</td>
<td></td>
</tr>
<tr>
<td>Odour</td>
<td>freshly</td>
<td></td>
</tr>
<tr>
<td>pH-Value (at 20 °C)</td>
<td>7,5</td>
<td>DIN 19268</td>
</tr>
</tbody>
</table>

Changes in the physical state

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Test method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Melting point</td>
<td>Undetermined.</td>
<td></td>
</tr>
<tr>
<td>Initial boiling point and boiling range:</td>
<td>100 °C</td>
<td>DIN 53171</td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt; 100 °C</td>
<td>DIN 51755</td>
</tr>
</tbody>
</table>

Flammability

<table>
<thead>
<tr>
<th>State</th>
<th>Value</th>
<th>Test method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solid</td>
<td>Undetermined.</td>
<td></td>
</tr>
<tr>
<td>Gas</td>
<td>Undetermined.</td>
<td></td>
</tr>
</tbody>
</table>

Explosive properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Test method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lower explosion limits</td>
<td>Undetermined.</td>
<td></td>
</tr>
<tr>
<td>Upper explosion limits</td>
<td>Undetermined.</td>
<td></td>
</tr>
<tr>
<td>Ignition temperature</td>
<td>Undetermined.</td>
<td></td>
</tr>
</tbody>
</table>

Auto-ignition temperature

<table>
<thead>
<tr>
<th>State</th>
<th>Value</th>
<th>Test method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solid</td>
<td>Undetermined.</td>
<td></td>
</tr>
<tr>
<td>Gas</td>
<td>Undetermined.</td>
<td></td>
</tr>
</tbody>
</table>

Decomposition temperature

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Test method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oxidizing properties</td>
<td>not oxidizing.</td>
<td></td>
</tr>
</tbody>
</table>

Vapour pressure

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Test method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ignition temperature</td>
<td>Undetermined.</td>
<td></td>
</tr>
</tbody>
</table>

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Density (at 20 °C): 0,98 g/cm³ DIN 51757
Water solubility: 1000 g/L
Partition coefficient: Undetermined.
Flow time: > 30 s (3 mm) 3 DIN EN ISO 2431
Vapour density: Undetermined.
Evaporation rate: Undetermined.

9.2. Other information

Solid content: 0%

SECTION 10: Stability and reactivity

10.1. Reactivity
No information available.

10.2. Chemical stability
The product is stable.

10.3. Possibility of hazardous reactions
No information available.

10.4. Conditions to avoid
heat.

10.5. Incompatible materials
Acid.

10.6. Hazardous decomposition products
No dangerous decomposition products known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity
Acute toxicity, oral LD50: 7060 mg/kg species: Rat

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Chemical name</th>
<th>Exposure route</th>
<th>Method</th>
<th>Dose</th>
<th>Species</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>64-17-5</td>
<td>ethanol, ethyl alcohol</td>
<td>oral</td>
<td>LD50</td>
<td>6200 mg/kg</td>
<td>Rat</td>
<td>UCLID</td>
</tr>
<tr>
<td></td>
<td></td>
<td>inhalative (4 h) vapour</td>
<td>LC50</td>
<td>95,6 mg/l</td>
<td>Rat</td>
<td>RTECS</td>
</tr>
<tr>
<td>9043-30-5</td>
<td>Isotridecanol, ethoxylated</td>
<td>oral</td>
<td>ATE</td>
<td>500 mg/kg</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Irritation and corrosivity
Irritant effect on the eye: Irritant. Practical experience.
Irritant effect on the skin: mild irritant. Practical experience.
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Sensitising effects
- no danger of sensitization.
- Practical experience.

Carcinogenic/mutagenic/toxic effects for reproduction
- No information available.

Specific effects in experiment on an animal
- No information available.

SECTION 12: Ecological information

12.1. Toxicity

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Chemical name</th>
<th>Aquatic toxicity</th>
<th>Method</th>
<th>Dose</th>
<th>[h]</th>
<th>[d]</th>
<th>Species</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>64-17-5</td>
<td>ethanol, ethyl alcohol</td>
<td>Acute crustacea toxicity</td>
<td>EC50</td>
<td>9268 - 14221</td>
<td>48 h</td>
<td>Daphnia magna</td>
<td>UCLID</td>
<td></td>
</tr>
</tbody>
</table>

12.2. Persistence and degradability
- Biological degradation: > 80% (28 d)
- Easily biodegradable (concerning to the criteria of the OECD)
- Degree of elimination: > 95%
- Method: OECD 301E/ EWG 92/69, annex V, C.4-B
- Biologically degradable according to the criteria laid out in the Washing and Cleansing Agents Act. The surfactants contained in the product are biodegradable according to the requirements of the Detergent Directive 648/2004/EC.

12.3. Bioaccumulative potential
- No indication of bio-accumulation potential.

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Chemical name</th>
<th>Log Pow</th>
</tr>
</thead>
<tbody>
<tr>
<td>64-17-5</td>
<td>ethanol, ethyl alcohol</td>
<td>-0.31</td>
</tr>
</tbody>
</table>

12.4. Mobility in soil
- No information available.

12.5. Results of PBT and vPvB assessment
- No information available.

Further information
- AOX: The product contains no organically bound Halogen.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal
- Remove according to the regulations.

Waste disposal number of waste from residues/unused products
- 070217 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of plastics, synthetic rubber and man-made fibres; waste containing silicones other than those mentioned in 07 02 16
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Contaminated packaging
Water.
Waste disposal according to EC Directives 75/442/EEC and 91/689/EEC on waste and hazardous waste in their latest versions.
Contaminated packing must be completely emptied and can be re-used following appropriate cleaning.

SECTION 14: Transport information

Land transport (ADR/RID)
Other applicable information (land transport)
No dangerous good in sense of these transport regulations.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
EU regulatory information
2004/42/EC (VOC): Volatile organic compounds (VOC) in percentage by weight: 4%
Additional information
National regulatory information
Water contaminating class (D): 1 - slightly water contaminating
Additional information
Observe regulation 98/24/EC for employee health protection against the threat of chemical substances in the workplace.

15.2. Chemical safety assessment
For this substance a chemical safety assessment has not been carried out.

SECTION 16: Other information

Relevant R phrases (number and full text)
11 Highly flammable.
22 Harmful if swallowed.
38 Irritating to skin.
41 Risk of serious damage to eyes.

Relevant H and EUH statements (number and full text)
H225 Highly flammable liquid and vapour.
H302 Harmful if swallowed.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.

Further Information
Moreover, national legislation has to be observed!
The information is based on present level of our knowledge. It does not, however, give assurances of
product properties and establishes no contract legal rights. 
The receiver of our product is singulary responsible for adhering to existing laws and regulations.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)