**1 Identification of substance**

- **Product details**
- **Trade name:** VERSOLLAN™ OM1255NX-1
  - **Application of the substance / the preparation:** Thermoplastic Elastomer
- **Manufacturer/Supplier:**
  GLS Corporation
  833 Ridgeview Drive
  McHenry, IL 60050
  USA
  - **Information department:** Environment protection department.

**2 Composition/Data on components**

- **Chemical characterization**
- **Description:** Mixture of the substances listed below with nonhazardous additions.
- **Dangerous components:**

<table>
<thead>
<tr>
<th>Substance ID</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>8042-47-5</td>
<td>Mineral Oil</td>
</tr>
<tr>
<td>66070-58-4</td>
<td>Styrene-Ethylene/Butylene-Styrene Block Copolymer</td>
</tr>
<tr>
<td>1317-63-3</td>
<td>Calcium Carbonate</td>
</tr>
<tr>
<td></td>
<td>Limestone</td>
</tr>
<tr>
<td>14807-96-6</td>
<td>Talc (Mg3H2(SiO3)4)</td>
</tr>
</tbody>
</table>

**3 Hazards identification**

- **Hazard description:** Not applicable.
- **Information pertaining to particular dangers for man and environment:**
  The product does not have to be labelled due to the calculation procedure of international guidelines.
- **Classification system:**
  The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.
- **NFPA ratings (scale 0 - 4)**
  - **Health = 1**
  - **Fire = 1**
  - **Reactivity = 0**
- **HMIS-ratings (scale 0 - 4)**
  - **Health = 0**
  - **Fire = 1**
  - **Reactivity = 0**

**4 First aid measures**

- **General information:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water.

(Contd. on page 2)
Trade name: VERSOLLAN™ OM1255NX-1

After swallowing: If symptoms persist consult doctor.

5 Fire fighting measures

Suitable extinguishing agents: CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Protective equipment: Wear self-contained respiratory protective device.

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: Ensure adequate ventilation.

Additional information: No dangerous substances are released.

7 Handling and storage

Handling:

Information for safe handling: No special measures required.

Ensure good ventilation/exhaustion at the workplace.

Information about protection against explosions and fires: Protect against electrostatic charges.

Storage:

Requirements to be met by storerooms and receptacles: No special requirements.

Information about storage in one common storage facility: Store away from oxidizing agents.

Do not store together with oxidizing and acidic materials.

Further information about storage conditions: None.

8 Exposure controls and personal protection

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

Components with limit values that require monitoring at the workplace:

<table>
<thead>
<tr>
<th>Component</th>
<th>TLV</th>
<th>ELASTOMER DUST</th>
<th>ELASTOMER FUMES</th>
<th>MEL/TWA: 6 mg/m³</th>
<th>MEL/TWA: 0.6 mg/m³</th>
<th>PEL</th>
<th>REL</th>
<th>TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>8042-47-5</td>
<td>Short-term value: 10 mg/m³</td>
<td>MEL/TWA: 6 mg/m³</td>
<td>MEL/TWA: 0.6 mg/m³</td>
<td>15*; 5** mg/m³</td>
<td>10*; 5** mg/m³</td>
<td>10 mg/m³</td>
<td>(e)</td>
<td></td>
</tr>
<tr>
<td>66070-58-4</td>
<td>Long-term value: 5 mg/m³</td>
<td>MEL/TWA: 0.6 mg/m³</td>
<td>MEL/TWA: 0.6 mg/m³</td>
<td>*Total dust **Respirable fraction</td>
<td>*Total dust **Respirable fraction</td>
<td>(e)</td>
<td>(e)</td>
<td>(e)</td>
</tr>
</tbody>
</table>

Calcium Carbonate
Limestone

*(e) = Respirable fraction
### 14807-96-6 Talc (Mg₃H₂(SiO₃)₄)

| PEL       | 20 mppcf ppm containing < 1% quartz |
| REL       | 2* mg/m³                               |
| TLV       | 2 R mg/m³                              |

<table>
<thead>
<tr>
<th>(e)</th>
</tr>
</thead>
</table>

- **Additional information:** The lists that were valid during the creation were used as basis.
- **Personal protective equipment:**
- **General protective and hygienic measures:** Do not inhale gases / fumes / aerosols.
- **Breathing equipment:**
  - In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
- **Protection of hands:**
  - 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:**
  - 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 trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Not required.

### 9 Physical and chemical properties

- **General Information**
  - **Form:** Solid
  - **Color:** Whitish
  - **Odor:** Characteristic

- **Change in condition**
  - **Melting point/Melting range:** Undetermined.
  - **Boiling point/Boiling range:** Undetermined.

- **Flash point:** Not applicable.
- **Auto igniting:** Product is not selfigniting.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Density:** Not determined.
- **Solubility in / Miscibility with Water:** Insoluble.
- **Solvent content:**
  - **Organic solvents:** 0.0 %

(Contd. on page 4)
10 Stability and reactivity

- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- Dangerous reactions: No dangerous reactions known.
- Dangerous products of decomposition:
  - Carbon monoxide and carbon dioxide
  - Aldehyde
  - Irritant gases/vapors

11 Toxicological information

- Acute toxicity:
  - Primary irritant effect:
    - on the skin: No irritant effect.
    - on the eye: No irritating effect.
  - Sensitization: No sensitizing effects known.
- Additional toxicological information:
  - The product is not subject to classification according to internally approved calculation methods for preparations:
  - When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

12 Ecological information

- Information about elimination (persistence and degradability):
  - This product is according to previous experiences inert and non-degradable.
- General notes:
  - At present there are no ecotoxicological assessments.
  - The product does not contain organically bounded halogens (AOX-free).
  - The product does not contain organic complexing agents.
  - Water hazard class 3 (Self-assessment): extremely hazardous for water
  - Do not allow product to reach ground water, water course or sewage system, even in small quantities.
  - Danger to drinking water if even extremely small quantities leak into the ground.

13 Disposal considerations

- Product:
- Recommendation:
  - Contact waste processors for recycling information.
  - Can be reused without reprocessing.
  - Smaller quantities can be disposed of with household waste.
- Uncleaned packagings:
- Recommendation: Disposal must be made according to official regulations.

14 Transport information

- Maritime transport IMDG:
- Marine pollutant: No
15 Regulations

- Sara
  - Section 355 (extremely hazardous substances):
    None of the ingredient is listed.
  - Section 313 (Specific toxic chemical listings):
    None of the ingredients is listed.
  - TSCA (Toxic Substances Control Act):
    All ingredients are listed.
  - Proposition 65
    - Chemicals known to cause cancer:
      None of the ingredients is listed.
    - Chemicals known to cause reproductive toxicity:
      None of the ingredients is listed.
  - Cancerogenity categories
    - EPA (Environmental Protection Agency)
      None of the ingredients is listed.
    - IARC (International Agency for Research on Cancer)
      14807-96-6 Talc (Mg3H2(SiO3)4) 3
    - NTP (National Toxicology Program)
      None of the ingredients is listed.
    - TLV (Threshold Limit Value established by ACGIH)
      14807-96-6 Talc (Mg3H2(SiO3)4) A4
    - NIOSH-Ca (National Institute for Occupational Safety and Health)
      None of the ingredients is listed.
    - OSHA-Ca (Occupational Safety & Health Administration)
      None of the ingredients is listed.

- Product related hazard informations:
  Observe the general safety regulations when handling chemicals.
  The product is not subject to identification regulations according to directives on hazardous materials.

- Safety phrases:
  Keep away from oxidising agents and acidic substances.
  Do not breathe fumes/aerosol.
  Take precautionary measures against static discharges.

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.

- Department issuing MSDS: Environment protection department.
- Contact: Mr. Dean Clark