Safety Data Sheet (SDS)
NANOSKIN SEAL NANO Perfect Sealant

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifiers
   Product name: NANOSKIN SEAL NANO Perfect Sealant
   Product identifier: NA-SLO
   Product Family: Aqueous mixture

1.2 Relevant identified uses of the substance or mixture and uses advised against
   Identified Uses: Automotive body detailing

1.3 Details of the supplier of the safety data sheet
   Company: NANOSKIN Car Care Products
   Total Import Solutions, Inc.
   14700 Radburn Ave.
   Santa Fe Springs, CA 90670
   Telephone: 562-691-6818
   Fax: 562-483-8333

1.4 Emergency telephone number
   Emergency phone #: PERS NORTH AMERICA 1-800-633-8253
   INTERNATIONAL 1-801-629-0667

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture
   GHS Classification in accordance with 29 CFR 1910(OSHA HCS)
   H304 MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS
   H316 CAUSES MILD SKIN IRRITATION
   H351 SUSPECTED OF CAUSING CANCER
   H411 TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS
   Precautionary Statements
   P102: Keep out of reach of children.
   P202 Do not handle until all safety precautions have been read and understood.
   P273: Avoid release to the environment.
   P301 IF SWALLOWED: FOLLOW INSTRUCTIONS IN FIRST AID.
   P302: IF ON SKIN: FOLLOW INSTRUCTIONS IN FIRST AID.
   P353: Rinse skin with water/shower.
   P374: Fight fire with normal precautions from a reasonable distance.
   P412: Do not expose to temperatures exceeding 50 °C/122 °F.

2.2 GHS Label elements, including precautionary statements
   Pictogram
3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS number</th>
<th>Warnings</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aliphatic naptha</td>
<td>64742-88-7</td>
<td>Skin irritant, environmental toxin</td>
<td>8-15%</td>
</tr>
<tr>
<td>CERAMIC</td>
<td>66402-68-4</td>
<td></td>
<td>8-15%</td>
</tr>
<tr>
<td>Polydimethylsiloxane</td>
<td>63148-62-9</td>
<td></td>
<td>2-10%</td>
</tr>
<tr>
<td>TRIETHANOLAMINE</td>
<td>102-71-6</td>
<td></td>
<td>.1-1%</td>
</tr>
<tr>
<td>ISOPROPYL ALCOHOL</td>
<td>6763-0</td>
<td></td>
<td>.5-3%</td>
</tr>
<tr>
<td>OLEIC ACID</td>
<td>112-80-1</td>
<td></td>
<td>&gt;2%</td>
</tr>
<tr>
<td>Glycerin</td>
<td>56-81-5</td>
<td></td>
<td>5-15%</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

First aid procedures

After inhalation:
Get victim to fresh air. Give artificial respiration or oxygen if breathing has stopped. Get prompt medical attention. Do not give fluids if victim is unconscious. If victim is conscious, rinse mouth with water and contact emergency number listed in section 1.4.

After contact with skin:
Immediately wash skin with soap and water. May cause irritation. Seek medical attention if irritation or allergic reaction is present.

After contact with eyes:
Immediately flush eyes with running water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Seek prompt medical attention if redness or irritation occurs. Avoid agitation. Abrasives present in substance may scratch eyes. Remove contact lenses if able.

After ingestion:
Rinse mouth with water, contact poison control center or emergency number listed in section 1.4.

Advice to doctor / Treatment:
None known.

5. FIRE FIGHTING MEASURES

Flashpoint: Unknown, aqueous mixture.
Lower explosion limit: Not applicable
Upper explosion limit: Not applicable
Self ignition: Not applicable
Ignition temperature: not tested.
Hazardous combustion products: carbon oxides, copper oxides, tin oxides, zinc oxides, aluminum oxides
Extinguishing media: water spray jet alcohol-resistant foam carbon dioxide dry powder
Special fire fighting procedure: Apply alcohol-type or all purpose-type foams by manufacturers’ recommended techniques for large fires or water spray. Use carbon dioxide or dry chemical media for small fires. Use self-contained breathing apparatus and protective equipment. Cool endangered containers with water jet.
Unusual fire and explosion hazards: May emit toxic fumes under fire conditions. Product can potentially float on water.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions
Use the Personal protective Equipment recommended in Section 8 of this SDS

Environmental Precautions
Spilled product may present a slipping hazard.

Methods for Containments and Clean-up
Contain large spills as best as possible. Dam flow with appropriate materials and absorb centralized spillage with inert material such as vermiculite, cat litter or diamaceous earth. Sweep and dispose of as needed. For small spills, wipe away and wash affected area.

7. HANDLING AND STORAGE

Handling
Avoid allowing dried product to become airborne, as particles may irritate lungs. Wear gloves while in use, protect hands, face and skin from debris, particles and skin contact as best as possible. Abrasives present may irritate skin.

Storage
Store with caution. Do not store in temperatures above 120F. Bottle/container may swell and or fumes accumulate. Store in adequate ventilation.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guideline Comments

Engineering Controls
Adequate ventilation necessary.

Personal Protective Equipment (PPE)
Eye/Face Protection
If mechanically buffing solution, please wear appropriate face/eye protection and a niosh approved respirator.

Skin Protection
Wear gloves while in use.

Respiratory Protection
Niosh approved respirator for airborne particles if adequate ventilation not present.

General Hygiene Considerations
Treat products as sum of its components. Oxides and particulate matter may irritate lungs. Wash hands before and after use and before smoking eating or drinking.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State
liquid

Appearance
viscous blue fluid
### Particle Size
Liquid and particle mixture. Particles may range from 50-400nm.

### Odor
Fruity

### Odor Threshold
No Available Data

### Molecular Formula
Mixture

### Molecular Weight
Mixture

### Boiling Point
200°F

### Decomposition Temperature
No Available Data

### Melting point
32°F

### Freezing Point
32°F

### Relative Density
1g/cm³

### Bulk Density
No Available Data

### Solubility in Water
100%

### Solubility in other liquids
No Available Data

### pH
6-8

### Flash point
No Available Data

## 10. STABILITY AND REACTIVITY

### Chemical Stability
Stable under normal conditions.

### Conditions to Avoid
Avoid extreme temperatures.

### Hazardous Decomposition Products
Carbon Oxides, copper oxides, tin oxides, zinc oxides and aluminum oxides.

### Possibility of Hazardous Reactions
Do not bring into contact with oxidizers.

## 11. TOXICOLOGICAL INFORMATION

Powdered oxides pose hazards as lung irritants if airborne.

**Aliphatic Naptha:**

**Effects, Acute Exposure**

### Skin Contact
Little immediate effect; may be mildly irritating; of 14 reported tests on rabbits, 7 rated this type of hydrocarbon "not irritating", 6 "irritating", with one inconclusive.

### Eye Contact
Liquid slightly irritating; 11 reported tests on rabbits all rated this type of hydrocarbon as "not irritating".

### Inhalation
400 ppm: may cause burning sensation in nose & throat, intoxication dizziness, fatigue may cause diarrhoea & stomach discomfort— not a route of industrial exposure.

### LD₅₀ (oral)
5500-34,600 mg/kg (rat)

### LD₅₀ (skin)
2000-15,400 mg/kg (rabbit)

### LC₅₀ (inhalation)
3400-8000 ppm (rat)

**Triethanolamine:**

**Acute toxicity**

**LD₅₀ Oral - Mouse** - 5,846 mg/kg

Remarks: Behavioral, Convulsions or effect on seizure threshold. Diarrhoea Kidney, Ureter, Bladder. Other changes.

**LD₅₀ Oral - Rat** - 5,530 mg/kg


**LD₅₀ Oral - Rabbit** - 2,200 mg/kg

**LD₅₀ Oral - Guinea pig** - 2,200 mg/kg

**Inhalation**: No data available

**LD₅₀ Dermal - Rabbit** - > 22.5 g/kg

**Isopropyl Alcohol:**

**Acute toxicity**
LD50 Oral - Rat - 5,045 mg/kg

LC50 Inhalation - Rat - 8 h - 16000 ppm
LD50 Dermal - Rabbit - 12,800 mg/kg

No data available

**Skin corrosion/irritation**
Skin - Rabbit
Result: Mild skin irritation

**Skin Irritation/Corrosion**
Naptha is a known skin irritant under certain repeated prolonged exposure.

**Eye Irritation/Corrosion**
Particulate matter may cause eye irritation. Aliphatic Naptha, oleic acid and triethanolamine are eye irritants. Exercise caution.

**Effects of Short-Term (Acute) Exposure**
No data available.

**Inhalation**
No data available.

**Ingestion**
No data available.

---

**12. ECOLOGICAL TOXICITY**

**General Comments**
No known components of this formula that are potentially environmentally hazardous are known bio accumulators or otherwise no data available enough to determine appropriate designation.

**ISOPROPYL ALCOHOL**
Toxicity to fish
LC50 - Pimephales promelas (fathead minnow) - 9,640.00 mg/l - 96 h
Toxicity to daphnia and other aquatic invertebrates
EC50 - Daphnia magna (Water flea) - 5,102.00 mg/l - 24 h
Immobilization EC50 - Daphnia magna (Water flea) - 6,851 mg/l - 24 h
Toxicity to algae
EC50 - Desmodesmus subspicatus (green algae) - > 2,000.00 mg/l - 72 h
EC50 - Algae - > 1,000.00 mg/l - 24 h

**ALIPHATIC NAPTHA**

---

**13. DISPOSAL CONSIDERATIONS**
Dispose of in accordance with federal, provincial and local government regulations. Containers should NOT be re-used. Containers should be disposed of in accordance with government guidelines.

14. TRANSPORT INFORMATION

Shipping Information
Product is not UN rated. Product is not flammable or known to have any restrictions in transport. Ensure, before use, that product is not restricted by any local, state or federal environmental restrictions not otherwise stated.

Special Shipping Information
Not applicable.

HMIS RATING

<table>
<thead>
<tr>
<th>HEATH</th>
<th>FIRE</th>
<th>REACTIVITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>0</td>
</tr>
</tbody>
</table>

15. REGULATORY INFORMATION

United States
SARA 311/312 Hazards Chronic Health Hazard
Pennsylvania Right To Know Components

<table>
<thead>
<tr>
<th>Oleic acid</th>
<th>CAS-No.</th>
<th>Revision Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>112-80-1</td>
<td>1989-08-11</td>
<td></td>
</tr>
</tbody>
</table>

New Jersey Right To Know Components

<table>
<thead>
<tr>
<th>Oleic acid</th>
<th>CAS-No.</th>
<th>Revision Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>112-80-1</td>
<td>1989-08-11</td>
<td></td>
</tr>
</tbody>
</table>

Massachusetts Right To Know Components

<table>
<thead>
<tr>
<th>2,2',2&quot;-Nitrilotriethanol</th>
<th>CAS-No.</th>
<th>Revision Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>102-71-6</td>
<td>1993-04-24</td>
<td></td>
</tr>
</tbody>
</table>

Pennsylvania Right To Know Components

<table>
<thead>
<tr>
<th>2,2',2&quot;-Nitrilotriethanol</th>
<th>CAS-No.</th>
<th>Revision Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>102-71-6</td>
<td>1993-04-24</td>
<td></td>
</tr>
</tbody>
</table>

New Jersey Right To Know Components

<table>
<thead>
<tr>
<th>2,2',2&quot;-Nitrilotriethanol</th>
<th>CAS-No.</th>
<th>Revision Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>102-71-6</td>
<td>1993-04-24</td>
<td></td>
</tr>
</tbody>
</table>

16. OTHER INFORMATION

SDS Prepared by
Total Import Solutions, Inc. dba NANOSKIN Car Care Products

Disclaimer
This health and safety information is correct to the best of our knowledge and belief at the date of its publication, but we cannot accept liability for any loss, injury or damage which may result from its use. We shall ensure, so far as is reasonably practicable, to maintain revised copies of this information to be requested. When applicable, revised copies shall be sent to customers whom have been directly supplied with this substance. It must be known that it is the
responsibility of any intermediate supplier to ensure that such revision is passed to the user. The information given in the Data Sheet is designed only as guidance for safe handling, storage and the use of the substance. It is not a specification nor does it guarantee any specific properties. All chemicals should be handled only by competent personnel, within a controlled environment. Should further information be required, this can be obtained through the sales office whose address is at the top of this sheet.