Safety Data Sheet (SDS)
TUNNEL SHOCK Full Body Protector

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifiers
   - Product name: TUNNEL SHOCK Full Body Protector
   - Product identifier: NA-TSK
   - Product Family: AQUEOUS MIXTURE

1.2 Relevant identified uses of the substance or mixture and uses advised against
   - Identified Uses: Car paint and exterior care.

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
   - H227 Combustible liquid.
   - H302 + H312 + H332 Harmful if swallowed, in contact with skin or if inhaled
   - H315 Causes skin irritation.
   - H319 Causes serious eye irritation.
   - H361 Suspected of damaging fertility or the unborn child.
   - H413 May cause long lasting harmful effects to aquatic life

Prevention:
   - P233 Keep container tightly closed.
   - P242 Use only non-sparking tools.
   - P260 Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.
   - P264 Wash skin thoroughly after handling.
   - P270: Do not eat, drink or smoke when using this product.
   - P271 Use only outdoors or in a well-ventilated area.
   - P273 Avoid release to the environment.
   - P280 Wear protective gloves/ eye protection/ face protection.

Response:
   - P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.
   - P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
   - P304 + P340 + P312 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/ physician if you feel unwell.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P308 + P313 IF exposed or concerned: Get medical advice/ attention. P331 Do NOT induce vomiting.  
P331 Do NOT induce vomiting.  
P332 + P313 If skin irritation occurs: Get medical advice/ attention.  
P337+P313: If eye irritation persists: Get medical advice/attention.  
P362 Take off contaminated clothing and wash before reuse.  
P363: Wash contaminated clothing before reuse.  
P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.  
H301 + H311 + H331 Toxic if swallowed, in contact with skin or if inhaled  
H370 Causes damage to organs.  

**Storage:**  
P403 + P233 Store in a well-ventilated place. Keep container tightly closed.  
P405 Store locked up.  
P501 Dispose of contents/ container to an approved waste disposal plant.  

### 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>2-Butoxyethanol</td>
<td>111-76-2</td>
<td></td>
<td>5-10%</td>
</tr>
<tr>
<td>PETROLEUM DISTILLATES</td>
<td>64742-53-6</td>
<td></td>
<td>15-25%</td>
</tr>
<tr>
<td>PROPRIETARY NON HARMFUL</td>
<td>Proprietary</td>
<td></td>
<td>10-15%</td>
</tr>
<tr>
<td>Dimethyl Siloxane, HO-term Rxn Methyltrimethoxysilane &amp; Aminoethylaminopropyltrimethoxysilane</td>
<td>69430-37-1</td>
<td></td>
<td>1-5%</td>
</tr>
<tr>
<td>WATER</td>
<td>7732-18-5</td>
<td></td>
<td>q.s.</td>
</tr>
<tr>
<td>METHANOL</td>
<td>67-56-1</td>
<td></td>
<td>&gt;1%</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. Remove contact lenses if able.

After ingestion:
Rinse mouth with water, contact poison control center or emergency number listed in section 1.4. Never give anything by mouth to an unconscious person.

Advice to doctor / Treatment:
None known.

5. FIRE FIGHTING MEASURES

FIRE HAZARD
Fire hazard: Indirect fire hazard. Gas/vapour flammable with air within explosion limits.

FIREFIGHTING INSTRUCTIONS
Cool tanks/drums with water spray/remove them into safety. Physical explosion risk: extinguish/cool from behind cover. Do not move the load if exposed to heat.

After cooling: persistent risk of physical explosion.

PROTECTION DURING FIREFIGHTING
Heat/fire exposure: compressed air/oxygen apparatus.

6. ACCIDENTAL RELEASE MEASURES

PROTECTIVE EQUIPMENT

EMERGENCY PROCEDURES

FOR EMERGENCY RESPONDERS

PROTECTIVE EQUIPMENT
Equip cleanup crew with proper protection.

EMERGENCY PROCEDURES
Ventilate area.

SEE SECTION 8 FOR PERSONAL PROTECTIVE EQUIPMENT AND EXPOSURE CONTROLS

7. HANDLING AND STORAGE

HANDLING
Comply with the legal requirements. Remove contaminated clothing immediately. Clean contaminated clothing. Handle uncleaned empty...
containers as full ones. Thoroughly clean/dry the installation before use. Do not discharge the waste into the drain. Do not use compressed air for pumping over. Use spark-/explosionproof appliances and lighting system. Take precautions against electrostatic charges. Keep away from naked flames/heat. Keep away from ignition sources/sparks. Avoid prolonged and repeated contact with skin. Keep container tightly closed. Measure the concentration in the air regularly. Work under local exhaust/ventilation.

**STORAGE**

Store with caution. Do not store in temperatures above 80°F. Bottle/container may swell and or fumes accumulate. Store in adequate ventilation.

**HYGEINE**

Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Guideline Comments**

**Exposure Limits:**

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>CAS NUMBER</th>
<th>VALUE</th>
<th>CONTROL PARAMETERS</th>
<th>BASIS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oil mist (Napthenic petroleum distillates)</td>
<td>TWA</td>
<td>5 mg/m³.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Propane-1,2-diol</td>
<td>57-55-6</td>
<td>TWA</td>
<td>10,000,000 mg/m³ USA. Workplace Environmental Exposure Levels (WEEL)</td>
<td></td>
</tr>
<tr>
<td>2-Butoxyethanol</td>
<td>111-76-2</td>
<td>TWA</td>
<td>20,000,000 ppm USA. ACGIH Threshold Limit Values (TLV)</td>
<td></td>
</tr>
<tr>
<td>Methanol</td>
<td>(67-56-1)</td>
<td>ACGIH: 200 ppm TWA 250 ppm STEL Skin - potential contribution to overall exposure by the cutaneous route</td>
<td>OSHA (Final): 200 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA;</td>
<td>260 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA OSHA (Vacated): 200 ppm</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA;</td>
<td>250 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>260 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>STEL;</td>
<td>325 mg/m³ STEL Prevent or reduce skin absorption</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>NIOSH:</td>
<td>200 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA;</td>
<td>260 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>250 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>STEL;</td>
<td>325 mg/m³ STEL Potential for dermal absorption</td>
<td></td>
</tr>
</tbody>
</table>

**ENGINEERING CONTROLS**

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

**Materials for protective clothing:** Use butyl rubber of at least .3mm thickness. Avoid nitrile and pvc protection.

**Hand protection**

Please use gloves with the above materials recommendation.

**Eye protection**

Protective goggles.

**Skin and body protection**

Head/neck protection. Protective clothing.

**Respiratory protection**

Wear gas mask with filter type A if conc. in air > exposure limit.

**Other information**

Do not eat, drink or smoke during use.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Physical State</th>
<th>liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>orange liquid</td>
</tr>
<tr>
<td>Particle Size</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Odor</td>
<td>citrus</td>
</tr>
</tbody>
</table>
**Odor Threshold**: No Available Data

**pH**: 5-6

**Molecular Formula**: Mixture

**Molecular Weight**: Mixture

**Boiling Point**: No data available

**Decomposition Temperature**: No Available Data

**Melting point**: No Available Data

**Freezing Point**: No Available Data

**Relative Density**: No Available Data

**Bulk Density**: No Available Data

**Solubility in Water**: No Available Data

**Solubility in other liquids**: No Available Data

**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, silicon oxides, carbon monoxide

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

### 11. TOXICOLOGICAL INFORMATION

**Solvent naphtha (petroleum), heavy aliph.**

- Acute oral toxicity: LD50 (rat, male and female): > 5,000 mg/kg
  - Method: Fixed dose procedure GLP: yes
  - Acute inhalation toxicity: Remarks: No data available
  - Acute dermal toxicity: LD50 (rabbit, male and female): > 2,000 mg/kg
  - Method: Fixed dose procedure GLP: yes
  - LD50 Rat Inhalation: Acute 2.81 mg/l

**2-butoxyethanol**

- LD50 Oral - Rat - male - 880 mg/kg (OECD Test Guideline 401)

**Decamethylcyclopentasiloxane**

- Acute toxicity: LD50 Oral - Rat - > 5,000 mg/kg (OECD Test Guideline 401) LC50 Inhalation - Rat - male and female - 4 h - 8.67 mg/l (OECD Test Guideline 403)
  - LD50 Dermal - Rabbit - male and female - > 2,000 mg/kg (OECD Test Guideline 402)

**Octamethylcyclotetrasiloxane**

- LD50 Oral - Rat - > 2,000 mg/kg LC50 Inhalation - Rat - 4 h - 36,000 mg/m3
  - Remarks: Behavioral: Excitement. Lungs, Thorax, or Respiration: Dyspnea. Skin and Appendages: Other: Hair. LD50 Dermal - Rabbit - > 4,640 mg/kg

**Methanol**

- Rat: LD50 – Route: Inhalation; Dose: 83.2 mg/L/4H
  - LD50 – Route: Oral; Dose: 64000 ppm/4H
  - LD50 – Route: Dermal; Dose: 15800 mg/kg

**Notes:**

- May be fatal if swallowed and enters airways. May be drying or cause skin irritation. Causes eye irritation.

**Carcinogenicity IARC**: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (2-Butoxyethanol)

**IARC**: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**ACGIH**: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

**NTP**: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

### 12. ECOLOGICAL TOXICITY

#### TOXICITY

**Solvent Naptha (petroleum), heavy aliph.**

Toxicity to fish: LL50 (Oncorhynchus mykiss (rainbow trout)): 25 mg/l Exposure time: 96 h

Test Type: static test Analytical monitoring: yes Method: OECD Test Guideline 203 GLP: yes

Toxicity to daphnia and other aquatic invertebrates: EL50 (Daphnia magna (Water flea)): 1.4 mg/l Exposure time: 48 h Test Type: static test Analytical monitoring: yes Method: OECD Test Guideline 202 GLP: yes

**2-Butoxyethanol**

Toxicity to fish static test LC50 - Oncorhynchus mykiss (rainbow trout) - 1,474 mg/l - 96 h (OECD Test Guideline 203) Toxicity to daphnia and other aquatic invertebrates Immobilization EC50 - Daphnia magna (Water flea) - 1,550 mg/l - 48 h (OECD Test Guideline 202) Toxicity to algae Growth inhibition EC50 - Pseudokirchneriella subcapitata (green algae) - 1,840 mg/l - 72 h (OECD Test Guideline 201)

**Methanol**

(67-56-1) Test & Species Conditions 96 Hr LC50 fathead minnow (28 days old) 29400 mg/L flow-through 96 Hr LC50 rainbow trout (fingerling) 13 mg/L 48 Hr LC50 trout 8000 mg/L 5 min EC50 Photobacterium phosphoreum 43000 mg/L 15 min EC50 Photobacterium phosphoreum 40000 mg/L 25 min EC50 Photobacterium phosphoreum 39000 mg/L

**Octamethylcyclopentasiloxane**

Toxicity to fish LC50 - Leuciscus idus (Golden orfe) - 200.0 mg/l - 96 h Toxicity to daphnia and other aquatic invertebrates EC50 - Daphnia magna (Water flea) - > 0.015 mg/l - 48 h Toxicity to algae EC50 - Selenastrum capricornutum (green algae) - > 0.022 mg/l - 96 h

### 13. DISPOSAL CONSIDERATIONS

**Product:** Dispose of as recommended by local EPA and federal guidelines.

**Contaminated packaging:** Dispose of as unused product.

### 14. TRANSPORT INFORMATION

**Shipping Information**

Not UN rated.

**Special Shipping Information**

Not applicable.

**HMIS**

| HEALTH | 2 |
| FLAMMABILITY | 0 |
| REACTIVITY | 0 |

### 15. REGULATORY INFORMATION

**United States**

SARA 302 Components
Methanol (67-56-1)
SARA 313 Components

The following components are subject to reporting levels established by SARA Title III, Section 313:

- 2-Butoxyethanol CAS-No. 111-76-2 Revision Date 1993-04-24
- Methanol (67-56-1)

SARA 311/312 Hazards

- Fire Hazard, Acute Health Hazard, Chronic Health Hazard

Massachusetts Right To Know Components

- Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)
- Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6)
- Methanol (67-56-1) 5000 None
- 2-Butoxyethanol CAS-No. 111-76-2 Revision Date 1993-04-24

Pennsylvania Right To Know Components

- Decamethylcyclopentasiloxane CAS-No. 541-02-6 Revision Date 2009-07-17
- 2-Butoxyethanol CAS-No. 111-76-2 Revision Date 1993-04-24
- Methanol (67-56-1) 5000 None
- Octamethylcyclotetrasiloxane CAS-No. 556-67-2 Revision Date 2012-07-01

New Jersey Right To Know Components

- Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6)
- Octamethylcyclotetrasiloxane CAS-No. 556-67-2 Revision Date 2012-07-01
- Decamethylcyclopentasiloxane CAS-No. 541-02-6 Revision Date 2009-07-17
- 2-Butoxyethanol CAS-No. 111-76-2 Revision Date 1993-04-24
- Methanol (67-56-1) 5000 None

US. California Proposition 65 Not Listed.

16. OTHER INFORMATION

SDS Prepared by

Total Import Solutions, Inc. dba NANOSKIN Car Care Products

Disclaimer

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