

# Safety Data Sheet (SDS)

## NANOSKIN GLASS MOLECULE Nano Protective Shield



### 1. PRODUCT AND COMPANY IDENTIFICATION

#### 1.1 Product identifiers

Product name : NANOSKIN GLASS MOLECULE  
Product identifier : NA-GLM  
Product Family : SOLVENT MIXTURE

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified Uses : Paint Protection

#### 1.3 Details of the supplier of the safety data sheet

Company : NANOSKIN Car Care Products  
Total Import Solutions, Inc.

### 2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

**GHS Classification in accordance with 29 CFR 1910(OSHA HCS)**

H319 Causes serious eye irritation.

**Precautionary Statements**

**Prevention:**

P264 Wash skin thoroughly after handling.

#### 2.2 GHS Label elements, including precautionary statements

Pictogram



### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS number	Warnings	Concentration
2-PROPANOL	67-63-0		90-100%
STODDARD SOLVENT	64742-96-7	Flam. Liq. 4; skin irrit. 2; eye irrit 2A	>1%
Conditioner	Proprietary		1-5%

### 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 occurs.

**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 : DIRECT FIRE HAZARD. Highly flammable. Gas/vapour flammable with air within explosion limits.

**INDIRECT FIRE HAZARD**

May be ignited by sparks. Gas/vapour spreads at floor level: ignition hazard. Reactions involving a fire hazard: see "Reactivity Hazard".

**EXPLOSION HAZARD****EXPLOSION**

may be Hazard".

Gas/vapour explosive with air within explosion limits. INDIRECT HAZARD. Heat may cause pressure rise in tanks/drums: explosion risk. Ignited by sparks. Reactions with explosion hazards: see "Reactivity Hazard".

**REACTIVITY**

Upon combustion: CO and CO<sub>2</sub> are formed. Violent to explosive reaction with many compounds. Prolonged storage: on exposure to light: release of harmful gases/vapours. Reacts violently with (strong) oxidizers: peroxidation resulting in increased fire or explosion risk.

## 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** Gloves. Protective goggles. Protective clothing. Large spills/in enclosed spaces: compressed air apparatus.

**EMERGENCY PROCEDURES** Keep upwind. Mark the danger area. Consider evacuation. Seal off low-lying areas. Close doors and windows of adjacent premises.

### 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.

**STORAGE** Store with caution. Do not store in temperatures above 80F. 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:

COMPONENT	CAS NUMBER	VALUE	CONTROL PARAMETERS	BASIS
2-Propanol	67-63-0		TWA 200.000000 ppm USA.	ACGIH Threshold Limit
Values (TLV)				
Naphthalene	(91-20-3)		USA ACGIH ACGIH TWA (ppm) 10 ppm USA ACGIH ACGIH STEL (ppm) 15 ppm USA OSHA OSHA PEL (TWA) (mg/m <sup>3</sup> ) 50 mg/m <sup>3</sup> USA OSHA OSHA PEL (TWA) (ppm) 10 ppm	

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

**Materials for protective clothing :** Gloves advised. Please use gloves resistant to silicones.

**Hand protection** Please use gloves with the above materials recommendation.

**Eye protection** Protective goggles.

**Skin and body protection** Adequate clothing.

**Respiratory protection** Adequate ventilation.

**Other information** Do not eat, drink or smoke during use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State</b>	liquid
<b>Appearance</b>	transparent
<b>Particle Size</b>	Not applicable
<b>Odor</b>	Alcohol
<b>Odor Threshold</b>	No Available Data
<b>Molecular Formula</b>	Mixture

<b>Molecular Weight</b>	Mixture
<b>Boiling Point</b>	80-90°C
<b>Decomposition Temperature</b>	No Available Data
<b>Melting point</b>	No Available Data
<b>Freezing Point</b>	No Available Data
<b>Relative Density</b>	No available data
<b>Bulk Density</b>	No Available Data
<b>Solubility in Water</b>	No Available Data
<b>Solubility in other liquids</b>	No Available Data
<b>Flash point</b>	No available Data

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Stable under normal conditions.
<b>Conditions to Avoid</b>	Avoid extreme temperatures.
<b>Hazardous Decomposition Products</b>	Carbon Oxides, carbon monoxides
<b>Possibility of Hazardous Reactions</b>	Do not bring into contact with oxidizers.

## 11. TOXICOLOGICAL INFORMATION

### ACUTE TOXICITY

<b>2-PROPANOL</b>	LD50 Oral - Rat - 5,045 mg/kg Remarks: Behavioral:Altered sleep time (including change in righting reflex). Behavioral:Somnolence (general depressed activity).
<b>Atosol</b>	150 (64742-94-5) LD50 oral rat > 2000 mg/kg LD50 dermal rat > 5000 mg/kg LC50 inhalation rat > 5 mg/l/4h

## 12. ECOLOGICAL TOXICITY

<b>TOXICITY</b>	
<b>propan-2-ol</b>	Acute LC50 1400000 to 1950000 µg/l Marine water Crustaceans - Crangon crangon 48 hours Acute LC50 4200 mg/l Fresh water Fish - Rasbora heteromorpha 96 hours

## 13. DISPOSAL CONSIDERATIONS

<b>PRODUCT</b>	Dispose of in accordance to local EPA guidelines. Do not dispose of into drains.
<b>CONTAMINATED PACKAGING</b>	Dispose of as unused product.

## 14. TRANSPORT INFORMATION

### Shipping Information

UN-No 1219

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### Special Shipping Information

Not applicable.

### HMIS

<b>HEALTH</b>	<b>2</b>
<b>FLAMMABILITY</b>	<b>3</b>
<b>REACTIVITY</b>	<b>0</b>

## 15. REGULATORY INFORMATION

### United States

#### SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313 Components** This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

#### SARA 311/312 Hazards

flammable liquids.

#### Massachusetts Right To Know Components

2-Propanol CAS-No. 67-63-0 Revision Date 1987-01-01

64742-96-7 Solvent naphtha (petroleum), heavy aliph

#### Pennsylvania Right To Know Components

2-Propanol CAS-No. 67-63-0 Revision Date 1987-01-01

64742-96-7 Solvent naphtha (petroleum), heavy aliph

#### New Jersey Right To Know Components

2-Propanol CAS-No. 67-63-0 Revision Date 1987-01-01

64742-96-7 Solvent naphtha (petroleum), heavy aliph

**California Prop. 65 Components** This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

#### California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

## 16. OTHER INFORMATION

### SDS Prepared by

### Disclaimer

### Total Import Solutions, Inc. dba NANOSKIN Car Care Products

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.