



Material Safety Data Sheet

HMIS: **Health** **2**
 Flammability **3**
 Reactivity **0**

SECTION 1. PRODUCT IDENTIFICATION AND COMPANY INFORMATION

Total Import Solutions, Inc.
12020 Woodruff Ave., Unit E
Downey, CA 90241
Telephone: 562-691-6818
Fax: 562-803-1570

24 Hours Emergencies Number: PERS NORTH AMERICA 1-800-633-8253
INTERNATIONAL 1-801-629-0667

Product Identification: NANOSKIN GLASS MOLECULE Nano Diamond Protective Shield

Revision Date: July 5th 2011

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENT

<u>Components</u>	<u>CAS Number</u>	<u>%</u>	<u>TLV</u>
Stoddard Solvent	8052-41-3	<70%	

SECTION 3. HAZARDOUS IDENTIFICATION

EMERGENCY OVERVIEW

Flammable. Irritating to eyes, respiratory system and skin.
Harmful: may cause lung damage if swallowed.

Potential Health Effects

Eye:

Causes eye irritation. May cause chemical conjunctivitis and corneal damage.

Skin:

Exposure may cause dermatitis and sensitization. May cause irritation and dermatitis. May cause cyanosis of the extremities.

Ingestion:

Aspiration hazard. May cause irritation of the digestive tract. May cause gastrointestinal irritation with nausea, vomiting and diarrhea. Aspiration of material into the lungs may cause chemical pneumonitis, which may be fatal. Harmful or fatal if swallowed. Ingestion of large amounts may cause CNS depression.

Inhalation:

Causes respiratory tract irritation. May cause narcotic effects in high concentration. May cause drowsiness, unconsciousness, and central nervous system depression. Aspiration may lead to pulmonary edema. Vapors may cause dizziness or suffocation. Has been reported as a possible etiologic agent in the development of aplastic anemia. May cause burning sensation in the chest.

Chronic:

Effects may be delayed.

SECTION 4. FIRST AID MEASURES

Eyes:

Flush eyes with plenty of water for 15 minutes. If irritation persists, get medical attention.

Skin:

Flush skin with mild soap and water. If irritation persists, get medical attention.

Ingestion:

Do not induce vomiting. If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Possible aspiration hazard. Get medical aid immediately.

Inhalation:

Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical air. Do NOT use mouth-to-mouth resuscitation. Possible aspiration hazard.

SECTION 5. FIRE FIGHTING MEASURES

Flash Point:

104 degrees F

Method:

TCC

Explosive Limits:

No data available.

Autoignition Temperature:

No data available.

Flammable Properties:

No data available

Fire and Explosion Hazards:

Container can build up pressure if exposed to heat and/or fire. As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Vapors may form an explosive mixture with air. Vapors can travel to a source of ignition and flash back. Will burn if involved in a fire. Use water spray to keep fire-exposed containers cool. Flammable liquid and vapor. Vapors may be heavier than air. They can spread along the ground and collect in low or confined areas.

Extinguishing media:

For small fires, use dry chemical, carbon dioxide, water spray or alcohol-resistant foam. For large fire, use water spray, fog, or alcohol-resistant foam. Water may be ineffective. This material is lighter than water and insoluble in water. The fire could easily be spread by the use of water in an area where the water cannot be contained. Do NOT use straight streams of water. Cool containers with flooding quantities of water until well after fire is out.

Special Procedures:

Evacuate personnel to a safe area. Avoid breathing decomposition products.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Spills/Leaks:

Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Avoid runoff into storm sewers and ditches which lead to waterways. Clean up spills immediately, observing precautions in the Protective Equipment section. Remove all sources of ignition. Use a spark-proof tool. A vapor suppressing foam may be used to reduce vapors.

SECTION 7. HANDLING AND STORAGE

Handling:

Wash thoroughly after handling. Use with adequate ventilation. Ground and bond containers when transferring material. Use spark-proof tools and explosion proof equipment. Avoid contact with eyes, skin, and clothing. Empty containers retain product residue, (liquid and/or vapor), and can be dangerous. Keep container tightly closed. Keep away from heat, sparks and flame. Avoid ingestion and inhalation. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames.

Storage:

Keep away from heat, sparks, and flame. Keep away from sources of ignition. Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye Protection:

Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin Protection:

Wear impervious gloves and clothing suitable to prevent skin contact.

Respiratory Protection:

Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Engineering Controls:

Use adequate ventilation to keep airborne concentrations low. Use adequate general or local explosion-proof ventilation to keep airborne levels to acceptable levels.

Exposure Limits

CAS# 8052-41-3:

United States OSHA: 500 ppm TWA; 2900 mg/m³ TWA

Belgium - TWA: 100 ppm VLE; 533 mg/m³ VLE

Malaysia: 100 ppm TWA; 525 mg/m³ TWA

Netherlands: 100 ppm MAC; 575 mg/m³ MAC

Other:

Do not consume food , drink, or tobacco in areas where they may become contaminated by this material. Always wash hands thoroughly with soap and water before eating, drinking, and smoking.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Colorless liquid

Odor:

Kerosene-like odor
(odor threshold typically between 1 and 30ppm)

Specific Gravity:

0.8

Percent Solids:

10-25%

Vapor pressure:

ca. 5@ 77 degrees F

Vapor Density: (Air = 1)

4.8

Boiling Point:

313-396 Degrees F

Melting Point:
104 degrees F

Solubility in water:
Slightly soluble

Density:
0.78

SECTION 10. STABILITY AND REACTIVITY

Stability:
Stable under normal temperatures and pressures

Conditions to Avoid:
Incompatible materials, ignition sources, excess heat

Materials to avoid:
Avoid contact with strong oxidizers

Hazardous Decomposition Products:
Carbon monoxide, irritating and toxic fumes and gases, carbon dioxide

Hazardous Polymerization:
Will not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

TERCS#:
CAS# 8052-41-3: WJ8925000
LD50/LC50:
CAS# 8052-41-3: Draize test, rabbit, eye: 500 mg/24H Moderate.
Carcinogenicity:
Stoddard Solvnet-
Not listed by ACGIH, IARC, or NTP/
Other:
See actual entry in RTECS for complete information.

SECTION 12. ECOLOGICAL INFORMATION

No data available.

SECTION 13. DISPOSAL CONSIDERATIONS

Dispose if in a manner consistent with federal, state, and local regulations.

SECTION 14. TRANSPORT INFORMATION

IATA

Shipping Name: FLAMMABLE LIQUID, N.O.S.

Hazard Class: 3

UN Number: 1993

Packing Group: III

IMO

Shipping Name

Shipping Name: FLAMMABLE LIQUID, N.O.S.

Hazard Class: 3.3

UN Number: 1993

Packing Group: III

RID/ADR

Shipping Name: FLAMMABLE LIQUID, N.O.S.

Hazard Class: 3

UN Number: 1993

Packing Group: III

SECTION 15. REGULATORY INFORMATION

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: XI

Risk Phrases:

R 10 Flammable.

R 36/37/38 Irritating to eyes, respiratory system and skin.

R 65 Harmful: may cause lung damage if swallowed.

Safety Phrases:

S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S 37/39 Wear suitable gloves and eye/face protection.

WGK (Water Danger/Protection)

CAS# 8052-41-3: No information available.

Canada

CAS# 8052-41-3 is listed on Canada's DSL List.

CAS# 8052-41-3 is listed on Canada's Ingredient Disclosure List.

US FEDERAL

TSCA

CAS# 8052-41-3 is listed on the TSCA inventory.

SECTION 16. OTHER INFORMATION

HMIS Rating:

Health = 2, Flammability = 3, Reactivity = 0, Personal Protection

HMIS Standard:

0 = Insignificant; 1 = Slight ; 2 = Moderate ; 3 = High ; 4 = Extreme

Revision Date 07/05/11: Original Issue.

This information relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. Such information is to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability, or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of this information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information nor do we offer warranty against patent infringement.