

Safety Data Sheet (SDS)

NANOSKIN FABRIC Fabric & Carpet Protector



1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifiers

Product name : NANOSKIN FABRIC Fabric & Carpet Protector
Product identifier : NA-FAB
Product Family : SOLVENT BLEND

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

Identified Uses : **Automotive Interior detailing**

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)

H227 Combustible liquid

H304 May be fatal if swallowed and enters airways.

Precautionary Statements

Prevention:

Prevention:

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P280 Wear protective gloves/ eye protection/ face protection.

Response:

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.

P331 Do NOT induce vomiting.

P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

Storage:

P403 + P235 Store in a well-ventilated place. Keep cool.

P405 Store locked up.

Disposal:

p501 Dispose of contents/ container to an approved waste disposal plant.

2.2 GHS Label elements, including precautionary statements

SIGNAL WORD: DANGER

Pictogram



3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS number	Warnings	Concentration
C-12-C14 ISOALKANES	68551-19-9		90-100%
PERFLUOROALKYL/ALKYL COPOLYMER RESIN	Proprietary		5-10%

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

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".
REACTIVITY

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

Upon combustion: CO and CO₂ 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. **Use alcohol-resistant foam, CO₂ or dry chemical fire extinguishers.**

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 For large spills:

Keep upwind. Mark the danger area. Consider evacuation. Seal off low-lying areas. Close doors and windows of adjacent premises. Stop engines and no smoking. No naked flames or sparks. Spark- and explosionproof appliances and lighting equipment. Keep containers closed. Wash contaminated clothes.

For small spills:

Absorb with inert media and sweep into designated disposal containers. Dispose of as per recommendations listed under section 13.

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 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
C12-C14 Isoalkanes		TWA 1,200 mg/m ³

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

Physical State liquid
Appearance Clear liquid solvent
Particle Size Not applicable
Odor Aromatic
Odor Threshold No Available Data
Molecular Formula Mixture
Molecular Weight Mixture
Boiling Point > 79.4 °C (> 174.9 °F)
Decomposition Temperature No Available Data
Melting point No Available Data
Freezing Point No Available Data
Relative Density ~.78g/cm³
Bulk Density No Available Data
Solubility in Water No Available Data
Solubility in other liquids No Available Data
Flash point >0C

10. STABILITY AND REACTIVITY

Chemical Stability Stable under normal conditions.
Conditions to Avoid Avoid extreme temperatures.
Hazardous Decomposition Products Carbon Oxides.
Possibility of Hazardous Reactions Do not bring into contact with oxidizers.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

C12-C14 Isoalkanes : LD50: > 5000 milligram per kilogram Species: rat Method: OECD Test Guideline 401 Information given is based on data obtained from similar substances.

C12-C14 Isoalkanes : LC50: > 5.3milligram per literExposure time: 4 h Species: rat Test atmosphere: vapor Method: OECD Test Guideline 403 Information given is based on data obtained from similar substances.

Skin irritation

C12-C14 Isoalkanes : No skin irritation Information given is based on data obtained from similar substances.

Eye irritation

C12-C14 Isoalkanes : No eye irritation Information given is based on data obtained from similar substances.

Sensitization

C12-C14 Isoalkanes : Classification: Did not cause sensitization on laboratory animals. Information given is based on data obtained from similar substances.

Repeated dose toxicity

C12-C14 Isoalkanes : Species: Monkey Application Route: Inhalation Dose: 0, 654 ppm Exposure time: 4 wk Number of exposures: 6 h/d, 3 d/wk NOEL: > 654 ppm Method: OECD Test Guideline 412 Species: rat, male and female Sex: male and female Application Route: oral gavage Dose: 0, 25, 150, 1000 mg/kg/d Exposure time: 4 wk Number of

exposures: daily NOEL: ≥ 1000 mg/kg/d Method: OECD Guideline 422 Information given is based on data obtained from similar substances.

Reproductive toxicity

C12-C14 Isoalkanes : Species: rat Sex: male Application Route: oral gavage Dose: 0, 750, 1500, 3000 mg/kg/bw/d Number of exposures: daily Test period: 90 d Method: OECD Test Guideline 415 NOEL Parent: ≥ 3000 mg/kg/bw/d Information given is based on data obtained from similar substances. Species: rat Sex: female Application Route: oral gavage Dose: 0, 750, 1500 mg/kg/bw/d Number of exposures: daily Test period: 90 d Method: OECD Test Guideline 415 NOEL Parent: ≥ 1500 mg/kg/bw/d NOEL F1: 750 mg/kg/bw/d Information given is based on data obtained from similar substances. Species: rat Sex: male and female Application Route: inhalation (vapor) Dose: 100, 300 ppm Number of exposures: 6 h/d/5d/wk Test period: 8 wk Method: OECD Guideline 421 NOEL Parent: ≥ 300 ppm NOEL F1: ≥ 300 ppm Information given is based on data obtained from similar substances.

Developmental Toxicity

C12-C14 Isoalkanes :

Species: rat Application Route: Inhalation Dose: 100, 300 ppm Exposure time: GD 6-15 Number of exposures: 6 h/d NOEL Teratogenicity: ≥ 300 ppm Information given is based on data obtained from similar substances. Species: rat Application Route: Inhalation Dose: 300, 900 ppm Exposure time: GD 6-15 Number of exposures: 6 h/d Method: OECD Guideline 414 NOEL Teratogenicity: ≥ 900 ppm NOEL Maternal: ≥ 900 ppm Information given is based on data obtained from similar substances. Species: rat Application Route: oral gavage Dose: 0, 500, 1000, 1500 mg/kg/d Exposure time: GD 6-15 Number of exposures: Daily Method: OECD Guideline 414 NOEL Teratogenicity: 1,000 mg/kg NOEL Maternal: 500 mg/kg Information given is based on data obtained from similar substances.

Aspiration toxicity :

May be fatal if swallowed and enters airways. Substances known to cause human aspiration toxicity hazards or to be regarded as if they cause human aspiration toxicity hazard.

CMR effects

C12-C14 Isoalkanes : Carcinogenicity: Limited evidence of carcinogenicity in animal studies

Mutagenicity: Tests on bacterial or mammalian cell cultures did not show mutagenic effects., In vivo tests did not show mutagenic effects

Teratogenicity: Animal testing did not show any effects on fetal development.

Reproductive toxicity: No adverse effects expected

12. ECOLOGICAL TOXICITY

TOXICITY

Toxicity to fish C12-C14 Isoalkanes : LL50: $> 1,000$ mg/l Exposure time: 96 h Species: *Oncorhynchus mykiss* (rainbow trout) semi-static test Method: OECD Test Guideline 203 Information given is based on data obtained from similar substances.

Toxicity to daphnia and other aquatic invertebrates

C12-C14 Isoalkanes : EL50: $> 1,000$ mg/l Exposure time: 48 h Species: *Daphnia magna* (Water flea) static test Method: OECD Test Guideline 202 Information given is based on data obtained from similar substances.

Toxicity to algae

C12-C14 Isoalkanes : EL50: $> 1,000$ mg/l Exposure time: 72 h Species: *Pseudokirchneriella subcapitata* (green algae) Growth inhibition Method: OECD Test Guideline 201 Information given is based on data obtained from similar substances.

13. DISPOSAL CONSIDERATIONS

PRODUCT

Use material for its intended purpose or recycle if possible. This material, if it must be discarded, may meet the criteria of a hazardous waste as defined by US EPA under RCRA (40 CFR 261) or other State and local regulations. Measurement of certain physical properties and analysis for

regulated components may be necessary to make a correct determination. If this material is classified as a hazardous waste, federal law requires disposal at a licensed hazardous waste disposal facility.

CONTAMINATED PACKAGING Dispose of as unused product.

14. TRANSPORT INFORMATION

Shipping Information

Not UN rated: NOT UN RATED AS HAZARDOUS

Special Shipping Information

Not applicable.

HMIS

HEALTH 1

FLAMMABILITY 1

REACTIVITY 0

15. REGULATORY INFORMATION

United States

SARA 311/312 Hazards : Fire Hazard

SARA 313 Ingredients : SARA 313: 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.

Pennsylvania Right To Know : C12-C14 Isoalkanes - 68551-19-9

New Jersey Right To Know : C12-C14 Isoalkanes - 68551-19-9

California Prop. 65 Ingredients : This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

16. OTHER INFORMATION

SDS Prepared by

Disclaimer

Total Import Solutions, Inc. dba NANOSKIN Car Care Products

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