

Material Safety Data Sheet Slip 'n Slide Snow Plow Blade Coating

Section 1. Chemical Product and Company Identification

Product Name	Slip 'n Slide Snow Plow Blade Coating	
Product Number	NTN SNS	
Manufacturer/ Supplier	NuTech Specialties, Inc. 9811 So. 6150 W. West Jordan, UT 84088	
Phone Number	(801) 253-1000 (Mon-Fri/ 8am- 5pm MT)	
D.O.T. Emergency Phone:	1-800-633-8253	
Date of Preparation	April 21, 2014	Revision Number 1.0

Section 2. Hazards Identification

Emergency overview	Hexane is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. EXTREMELY FLAMMABLE LIQUID AND VAPOR. Vapors may cause flash fire. May affect the central nervous system causing dizziness, headache or nausea. Prolonged or repeated contact may dry the skin and cause irritation and burns.
DANGER!	
Keep out of reach of children. Keep container closed during storage. For institutional and commercial use.	
Potential Acute Health Effects	Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion. Non-corrosive for skin. Non-hazardous in case of inhalation.
Routes of Entry	Skin Contact. Eye contact. Ingestion.
Eyes	Not expected to be a primary eye irritant. However minor irritation may be noted following contact
Skin	Prolonged or repeated contact may cause skin irritation or may cause the skin to become cracked or dry from the de-fating action of the material. Slightly hazardous in case of skin contact (irritant). Non corrosive for skin. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.
Inhalation	Breathing the vapors that concentrations above the exposure standards can cause central nervous system depression
Ingestion	Slightly hazardous in case of ingested.
Medical conditions aggravated by exposure:	Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: Upper respiratory tract, skin, lung (for example, asthma-like conditions), Central nervous system, nervous system, male reproductive system.
Potential Chronic Health	There is no known effect from chronic exposure to this product.
Carcinogenic Effects	Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.
Target Organs	Prolonged and repeated exposure to n-hexane may cause peripheral neuropathy by damaging peripheral nerve tissue (that of the arms and legs) and result in muscular weakness and loss of sensation. Exposure to this material (or a component) has been found to cause kidney damage in male rats. The mechanism by which this toxicity occurs is specific to the male rat and the

kidney effects are not expected to occur on humans. Overexposure to this material (or its components) has been suggested as a cause of the following effects in laboratory animals: mild, reversible liver effects, mild, reversible kidney effects, nasal damage, nervous system damage, testis damage, lung damage. Overexposure to this material (or its components) has been suggested as a cause of the following effects in humans: visual impairment, central nervous system effects.

Environmental Effects N/A

Section 3. Composition and Information on Ingredients

Name	CAS #	% by Weight	Exposure Limits	LC ₅₀ /LD ₅₀
Mineral Spirits	64742-88-7	>10%		
Hexane	64742-49-0	>80%		
Silicone Oil		Prop		

Section 4. First Aid Measures

Eye Contact	In case of contact with eyes, rinse immediately with plenty of water for at least 15 minutes. If irritation persists see physician
Skin Contact	Wash with soap and water. Cover the irritated skin with an emollient. Launder contaminated clothing. Get medical attention if irritation develops.
Inhalation	If inhaled, and there are signs and symptoms, as described in this bulletin, due to breathing this material, remove the person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention IMMEDIATELY.
Ingestion	Have conscious person drink several glasses of water or milk. No effect should occur. Seek medical attention.
General Advice	In case of Accident or if you feel unwell, seek medical advice immediately (show label or MSDS where possible).
Notes to Physician	Not available

Section 5. Fire Fighting Measures

Flammability	Extremely flammable
Fire Fighting Media and instructions	Carbon Dioxide, Dry Chemical, Foam or Water
Products of Combustion	Carbon Dioxide, Carbon Monoxide, Smoke fumes, Unburned Hydrocarbons
Special Remarks on Fire Hazards	For fires involving this material, DO NOT enter any enclosed or confined space without proper protective equipment. This may include self-contained breathing apparatus to protect against the hazardous effects of normal products of combustion or oxygen difficulty.
Special Remarks on Explosion Hazards	Liquid evaporates and forms vapors which can catch fire and burn with explosive violence. Invisible vapor spreads easily and can be set on fire by many sources such as pilot lights, welding equipment, and electrical motors and switches. Fire hazard is greater as liquid if temperature rises above 85 F. Not available.
Sensitivity to Mechanical Impact	Not available
Sensitivity to	Not available

Static
Discharge

Protection of Fire Fighters See special remarks on Fire Hazards

Section 6. Accidental Release Measures

Personal Precautions	Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.
Methods for Containment	Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.
Environmental Precautions	Place contaminated materials in disposable containers and bury in an approved dumping area.
Methods for Clean Up	Precautions if material is spilled or released: Eliminate all open flames in vicinity of spill or released vapor.

Section 7. Handling and Storage

Precautions	Do not store near flame, Sparks or hot surfaces use only in well ventilated area. Keep container closed. Replace cap or bung. Do not use pressure to empty drum or explosion may result. After handling, always wash hands thoroughly with soap and water. DO NOT use pressure to empty drum or explosion may result.
Incompatibility	No incompatible product according to our data base
Storage	Keep out of the reach of children. Keep away from ignition source.

Keep out of reach of children.
Keep container closed during storage.

Section 8. Exposure Controls/Personal Protection

Engineering Controls

Personal Protection	Good general ventilation should be sufficient to control airborne levels.
Ventilation Requirements	Use adequate ventilation to keep the airborne concentrations below the exposure
Eyes	Safety goggles.
Body	Lab Coat if desired.
Respiratory	Approved organic vapor cartridge respirator or, air supply respirator unless ventilation equipment is adequate to keep airborne concentrations.
Hands	Rubber gloves
Other Protective Clothing and Equipment	Eye wash and Safety shower
Protective Clothing (Pictograms)	



Exposure Limits

See Section 2 For Applicable Exposure Limits.

Section 9. Physical and Chemical Properties

Physical State and Appearance	Clear Liquid
Molecular Weight	N/A
Ph	6.0-7.0
Boiling/Condensation Point	155 F
Melting/Freezing Point	137 F
Critical Temperature	N/A
Instability Temperature	N/A
Specific Gravity	(H2O = 1): 0.77
Vapor Pressure	(Non-Aerosols)(mm Hg and Temperature): 20.397 kPa @ 77 F / 20 C
Vapor Density	(Air = 1)
Volatility	N/A
VOC	N/A
Evaporation Rate	(H2O = 1)
Dispersion Properties	N/A
Solubility	Insoluble in water
The Product is:	Flammable Liquid
Auto-ignition Temperature	N/A
Flash Points	0 F (TCC)
Flammable Limits	N/A
Fire Hazards in Presence Of Various Substances	Liquid Evaporates and forms vapors which can catch fire and burn with explosive violence. Invisible vapor spreads easily and can be set on fire by many sources such as pilot lights, welding equipment, and electrical motors and switches. Fire hazard is greater as liquid if temperature rises above 85 F.
Explosion Hazards in Presence of Various	Liquid Evaporates and forms vapors which can catch fire and burn with explosive violence. Invisible vapor spreads easily and can be set on fire by many sources such as pilot lights,

Substances	welding equipment, and electrical motors and switches. Fire hazard is greater as liquid if temperature rises above 85 F.
Odor	Mulberry Scent
Color	Clear

Section 10. Stability and Reactivity Data

Stability	The product is stable.
Incompatibility with Various Substance	May react with strong oxidizing
Hazardous Decomposition Products	Normal combustion forms carbon dioxide and water vapor; incomplete combustion can produce carbon monoxide.

Section 11. Toxicological Information

Routes of Entry	Absorbed through skin. Eye contact. Inhalation. Ingestion.
Toxicity to Animals	Oral LD50 Rat 25g / Kg
Acute Effects on Humans	
Eyes	Not expected to be a primary eye irritant. However minor irritation may be noted following contact
Skin	Prolonged or repeated contact may cause skin irritation or may cause the skin to become cracked or dry from the de-fatting action of the material. Slightly hazardous in case of skin contact (irritant). Non corrosive for skin. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.
Inhalation	Breathing the vapors that concentrations above the exposure standards can cause central nervous system depression
Ingestion	Slightly hazardous in case of ingested.
Chronic Effects on Humans	There is no known effect from chronic exposure to this product.
Special Remarks on Toxicity to Animals	Not available
Special Remarks on Chronic Effects on Humans	Not available

Section 12. Ecological Information

Ecotoxicity	Not a marine pollutant
BOD5 and COD	Not available
Products of Biodegradation	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Toxicity of the Products of Biodegradation	Not available
Special Remarks on the	Not available

Products of Biodegradation

Section 13. Disposal Considerations

Waste Information	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
Waste Stream	Not available

Section 14. Transport Information

DOT (U.S.A.) (Pictograms)



TDG Classification	Not controlled under TDG (Canada)
PIN UN, Proper Shipping Name, PG	(UN 1268 Petroleum distillates, NOS, 3, UN1268, PGII Flammable Liquid)
Maritime Transportation	Not a “marine pollutant”
Special Provisions for Transport	Not available

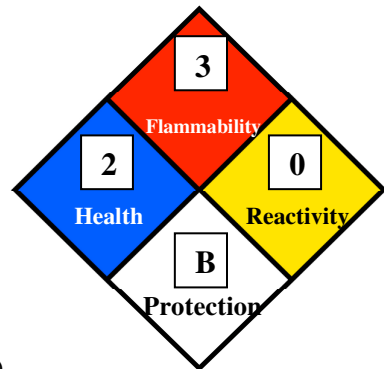
Section 15. Regulatory Information and Pictograms

Regulatory Lists	No products were found.	
Other Regulations	Not available, or of its ingredients	
Other Classifications	HCS (U.S.A.)	Controlled under HCS (United States)
	USA Regulatory Lists	This product does contain components that are known to the state of California to Cause Cancer or Reproductive Harm at or above California Prop 65 SARA 302 Extremely Hazardous Substances - Not listed SARA 311 - 1. Immediate (acute) health hazard 2. Delayed (chronic) health hazard 3. Fire hazard SARA 313 Toxic Chemical List – Not listed
	DSD (EEC)	This product is not classified according to the EU regulations.
	International Regulations Lists	Yes positive listing

Hazardous Material Information System (U.S.A.)



National Fire Protection Association (U.S.A.)



WHMIS (Classification) Not controlled under WHMIS (Canada).

