

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.

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

Component	CAS number	Warnings	Concentration
2-Butoxyethanol	111-76-2		5-10%
PETROLEUM DISTILLATES	64742-53-6		15-25%
PROPRIETARY NON HARMFUL	Proprietary		10-15%
Dimethyl Siloxane, HO-term Rxn Methyltrimethoxysilane & Aminoethylaminopropyltrimethoxysilane	69430-37-1		1-5%
WATER	7732-18-5		q.s.
METHANOL	67-56-1		>1%

DECAMETHYLCYCLOPENTASI LOXANE	541-02- 6		1-5%
OCTAMETHYLCYCLOTETRASI LOXANE	566-67-2		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 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

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. Stop engines and no smoking. No naked flames or sparks. Spark- and explosionproof appliances and lighting equipment. Keep containers closed. Wash contaminated clothes.

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
Oil mist (Napthenic petroleum distillates)		TWA	5 mg/m3.	
Propane-1,2-diol	57-55-6	TWA	10.000000 mg/m3	USA. Workplace Environmental Exposure Levels (WEEL)
2-Butoxyethanol	111-76-2	TWA	20.000000 ppm	USA. ACGIH Threshold Limit Values (TLV)
Methanol significant cutaneous route	(67-56-1)	ACGIH:	200 ppm TWA	250 ppm STEL
			200 ppm	Skin - potential contribution to overall exposure by the
		OSHA (Final):	200 ppm	
		TWA;	260 mg/m3	
		TWA OSHA (Vacated):	200 ppm	
		TWA;	260 mg/m3	
		TWA	250 ppm	
		STEL;	325 mg/m3	STEL Prevent or reduce skin absorption
		NIOSH:	200 ppm	
		TWA;	260 mg/m3	
		TWA	250 ppm	
		STEL;	325 mg/m3	STEL Potential for dermal absorption

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	orange liquid
Particle Size	Not applicable
Odor	citrus

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: Inhalation;

Dose: 64000 ppm/4H LD50 – Route: Oral; Dose: 5628 mg/kg Rabbit: 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

Octamethylcyclotrisiloxane

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

Decamethylcyclotetrasiloxane 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

Decamethylcyclotetrasiloxane 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

Disclaimer

Total Import Solutions, Inc. dba NANOSKIN Car Care Products

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