

TOUGHGUARD®

ULTIMATE PROTECTION SYSTEMS
AUTO • MARINE • AIR | PAINT • VINYL • LEATHER • FABRIC

MATERIAL SAFETY DATA SHEET

APPROVED BY U S LABOR DEPT, ESSENTIALLY SIMILAR TO FORM OSHA 174
IMPORTANT: Read this MSDS before handling & disposing of this product.
Pass this information to employees, customers & users of this product.

SECTION 1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

PRODUCT IDENTITY: Toughguard Fabric Protectant
DISTRIBUTOR NAME: Toughguard Enterprises, L.L.C.
DISTRIBUTOR ADDRESS: P O Box 1981
DISTRIBUTOR CITY: Beaverton, OR 97075-1981
DISTRIBUTOR PHONE: 1-503-644-2227 FAX NUMBER: 1-503-644-1499
CHEMTREC PHONE: 1-800-424-9300
WEB PAGE: www-toughguard.com
E-MAIL ADDRESS: bill@toughguard.com

SECTION 2. INGREDIENT INFORMATION

CONTAINS: Synthetic Isoparaffinic Hydrocarbon (64742-48-9)
Polydimethylsiloxane (63148-62-9)

SECTION 3. HAZARDS IDENTIFICATION

RISK STATEMENTS:

R10: Flammable.
R36/38: Irritating to eyes and skin.

SAFETY STATEMENTS:

S(2): Keep out of the reach of children.
S23: Do not breathe vapor/spray.
S24: Avoid contact with skin.
S62: If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.

SECTION 4. FIRST AID MEASURES & PROCEDURES

EYE CONTACT:

Flush eyes with large amounts of water for at least 15 minutes, lifting eyelids to ensure complete flushing of surface. Get medical attention if irritation develops & persists.

SKIN CONTACT:

Flush skin with soap & large amounts of water for at least 15 minutes, while removing contaminated clothing. If irritation develops & persists, get medical attention. Launder contaminated clothing before reuse.

INHALATION:

Remove victim to fresh air. If breathing stops, give artificial respiration. If breathing is labored, have qualified personnel give oxygen. Seek immediate medical attention.

SWALLOWING:

Do NOT induce vomiting. Get immediate medical attention. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Never give anything by mouth to an unconscious or convulsing person.

SECTION 5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA:

Use water fog or spray, foam, dry powder, carbon dioxide (CO₂).

SPECIAL FIRE FIGHTING PROCEDURES:

Approach fire from upwind side. Avoid breathing smoke, fumes, mist, or vapors on downwind side.

UNUSUAL EXPLOSION AND FIRE PROCEDURES:

None known.

SECTION 6. ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES:

PERSONAL PROTECTIVE EQUIPMENT FOR SPILLS:

EYES: Use chemical worker's goggles.

SKIN: Wash at mealtime and end of shift. If skin contact occurs, change contaminated clothing as soon as possible and thoroughly flush affected areas with cool water. Chemical protective gloves are recommended.

INHALATION: Not considered an inhalation hazard.

PRECAUTIONARY MEASURES: Avoid eye contact. Avoid skin contact. Avoid breathing mist. Keep container closed. Do not take internally.

CONTAINMENT / CLEAN-UP:

Clean up remaining materials from spill with suitable absorbant. For Large Spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean area as appropriate since some silicone materials, even in small quantities, may present a slip hazard. Final cleaning may require use of steam, solvents, or detergents. Observe all personal protection equipment recommendations described in Section 8. Local, state, and federal laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which federal, state, and local laws and regulations are applicable.

SECTION 7. HANDLING AND STORAGE

HANDLING:

Use with adequate ventilation. Avoid breathing vapor. Avoid eye contact. Do not take internally. Avoid skin contact.

STORAGE:

Store in closed container. Store away from incompatible materials. Store in a cool, dry, well-ventilated area. Keep containers closed and upright when not in use.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE CONTROLS:

Use respiratory protection unless adequate local exhaust ventilation is provided. Industrial Hygiene Personnel can assist in judging the adequacy of existing engineering control. Organic Vapor Type respirator is recommended when necessary.

VENTILATION:

Use local exhaust and general mechanical ventilation.

PERSONAL PROTECTIONS:

Avoid contact with eyes. Wear safety glasses or goggles as necessary. Wash at mealtime and end of shift. If skin contact occurs, change contaminated clothing as soon as possible and thoroughly flush affected areas with cool water. Chemical protective gloves made of butyl rubber, natural rubber, neoprene rubber (R), nitrile rubber are recommended. Brands such as Silver Shield(R), Viton(R), and 4H(R) are recommended.

SECTION 9. PHYSICAL DATA

APPEARANCE:	Clear, water-white Liquid
ODOR:	Mild Hydrocarbon
BOILING RANGE: (Initial Boiling Point)	310°F / 154°C
LOWER FLAMMABLE LIMIT IN AIR (% by vol):	0.9
FLASH POINT (TEST METHOD):	> 100°F / 38°C
FLAMMABILITY CLASSIFICATION:	Class II
GRAVITY @ 60 F:	
SPECIFIC GRAVITY (Water=1) :	0.760
POUNDS/GALLON :	6.34
VAPOR PRESSURE (mm of Hg) @ 20 C:	Not Available
VAPOR DENSITY (air = 1)	4.5
WATER ABSORPTION :	Negligible
% VOLATILE BY VOL :	> 85%

SECTION 10. REACTIVITY DATA

STABILITY:

Stable.

CONDITIONS TO AVOID:

Isolate from heat, sparks & open flame.

MATERIALS TO AVOID:

Isolate from strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCT:

Smoke, carbon monoxide and carbon dioxide in fire conditions.

HAZARDOUS POLYMERIZATION:

Cannot occur.

SECTION 11. TOXICOLOGICAL INFORMATION

MATERIAL	CAS#	TWA + (OSHA)	TLV (ACGIH)	HAP
Isoparaffinic Hydrocarbons	64742-48-9	300 ppm	300 ppm	No

ACUTE HAZARDS

EYE & SKIN CONTACT:

May cause eye & skin irritation.

INHALATION:

High vapor concentrations (greater than approximately 1000 ppm) are irritating to the eyes and the respiratory tract. May cause headaches, dizziness, anesthesia, drowsiness, unconsciousness, and other central nervous system effects, including death.

SWALLOWING:

Product has a low order of acute oral toxicity, but minute amounts aspirated into the lungs during ingestion or vomiting may cause mild to severe pulmonary injury and possibly death.

CHRONIC HAZARDS/CONDITIONS AGGREGATED

CHRONIC HAZARDS:

None known.

CONDITIONS AGGREGATED:

Persons with skin disorders should avoid use.

MUTAGENICITY: No information.

CARCINOGENICITY: No information.

REPRODUCTION: No information.

SECTION 12. ECOLOGICAL INFORMATION

MAMMALIAN TOXICITY TEST DATA:

LETHAL DOSE DATA

Isoparaffinic Hydrocarbons (64742-48-9) > 5 g/kg (rat) (ORAL)
Isoparaffinic Hydrocarbons (64742-48-9) > 3.16 g/kg (rabbit) (SKIN)

MARINE TOXICITY TEST DATA:

Golden Orfe, Static 48 hour LC50 : No information
Golden Orfe, Static 96 hour LC50 : No information
Ready Biodegradability : Modified OECD : No information

SECTION 13. DISPOSAL CONSIDERATIONS

All notification, clean-up and disposal should be carried out in accordance with federal, state and local regulations. Preferred methods of waste disposal are incineration or biological treatment in a federal/state approved facility.

Hazardous waste (40 CFR 261): No.

SECTION 14. TRANSPORT INFORMATION

DOT PROPER SHIPPING NAME: Petroleum distillates, n.o.s.
DOT HAZARD CLASS: Combustible
SUBSIDIARY HAZARD: None
UN/NA IDENTIFICATION #: UN1268
PACKING GROUP: III
REPORTABLE QUANTITY (RQ): None
ER GUIDEBOOK NUMBER: 128
IMDG PROPER SHIPPING NAME: Petroleum distillates, n.o.s.
IATA PROPER SHIPPING NAME: Petroleum distillates, n.o.s.
TDG PROPER SHIPPING NAME: Petroleum distillates, n.o.s.

SECTION 15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS (ENVIRONMENTAL PROTECTION AGENCY)

SARA TITLE III SECTION 313:

SARA Title III Section 313 Supplier Notification:
This product does not contain any chemicals subject to the reporting requirements of Section 313 of the Emergency Planning & Community Right-To-Know Act of 1986 & of 40 CFR 372. This information must be included in all MSDSs that are copied & distributed for this material.

SARA 313 REGULATED: None

CAA 109: None

CERCLA, TSCA: All components of this product are on the TSCA List.

EPA SARA 304: None

EPA SARA 311:

Acute Health	Yes
Chronic Health	No
Fire	Yes
Sudden Release of Pressure	No
Reactive	No

No components of this product are EPA Hazardous Air Pollutants (HAP).

SECTION 15. REGULATORY INFORMATION (CONTINUED)

**STATE REGULATIONS:
CALIFORNIA PROPOSITION 65:**

This product does not contain any known chemical known to the State of California to cause cancer or reproductive damage.

INTERNATIONAL REGULATIONS

The components of this product are listed on the chemical inventories of the following countries:
Australia, Canada, Europe (EINECS), Japan, and Korea.

SECTION 16. OTHER INFORMATION

HAZARD RATINGS:

	HEALTH	FLAMMABILITY	REACTIVITY	OTHER
NFPA	1	2	0	
HMIS	1	2	0	X

This information is intended solely for the use of individuals trained in the NFPA and HMIS systems.

REVISION INDICATORS: New Material Safety Data Sheet.

NOTICE

The supplier disclaims all expressed or implied warranties of fitness or merchantability for a specific use, with respect to the product, or the information provided herein, except for conformation to contracted specifications.

All information appearing herein is based upon data obtained from manufacturer and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency.

Conditions of use are beyond our control, and therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product. Users also assume all risks in regards to the publication or use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process.

MSDS Prepared by:

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