



Safety Data Sheet

Tire Finish

Daytime Phone (877) 474-7501

1. Identification

Product Name: Tire Finish

Trade Name: Tire Finish

Company Name and Synonyms: Tire Finish for industrial of commercial use only.

Company Name and Address: Shield Solutions LLC. W1737 Washington Rd, Oconomowoc, WI 53066

Daytime Telephone Number (8:00 am – 5:00 pm CST): (877) 474- 7501

Email Address: info@shieldsolutionsllc.com

Website: www.shieldsolutionsllc.com

2. Hazards Identification

Threshold Limit Value: Product has no Occupational Safety and Health Administration (OSHA) listed ingredients in concentrations greater than 1.0% by weight. Product considered "NON-HAZARDOUS" by WHIMS/OSHA criteria and is not listed by IARC, NTP, or ACGIH (OSHA 29 CFR 1910.1000Z-1).

Potential Health Effects

Skin: Severely irritating to skin

Eyes: Severely irritating to eyes

Inhalation: Vapor concentrations are irritating to eyes and respiratory tract, may cause headaches and dizziness are anesthetic and may have other central nervous system effects.

Ingestion: Irritating to mouth, esophagus and stomach. May cause gastric tract disorders and/or damage.

3. Composition (as defined by federal requirements for potentially hazardous ingredients over 1.0% by weight)

Hazardous Ingredients	Weight Percent	CAS Number	Recommended Limits
Polydimethylsiloxane	36-60	63148-62-9	NA
Nonionic Surfactant	2-10	61702-78-1	NA
Hexylene Glycol	2-4	107-41-5	NA

4. First-Aid Measures

Skin Contact: Immediately flush exposed area with soap and water for at least 10 minutes. If irritation persists, or it contact has been prolonged, obtain medical attention. Remove contaminated clothing and laundry before reuse.

Eyes: Immediately flush with warm running water for at least 15 minutes, holding eyelids open during flushing. If irritation persists, repeat flushing and obtain medical attention immediately.

Inhalation: Using proper respiratory protection, immediately remove the affected victim from exposure, Administer artificial respiration if breathing has stopped. Keep at rest. Call for prompt medical attention.

Ingestion: Drink a quart of water. DO NOT induce vomiting. Risk of lung damage exceeds poisoning risk. Never give anything by mouth to an unconscious person. Call a physician.

Note to physician: Treatment of overexposure should be directed at the control of symptoms and the patient's clinical condition. Product contains primarily non-hazardous detergents.

5. Fire Fighting Measures

NFPA hazard rating: Health: 1 Flammability: 1 Reactivity: 0

Flashpoint: Over 212°F

Flammable Limit: LEL – None Established. UEL – None Established.

Auto-ignition temperature: Not applicable.

Extinguishing Media: For fires use appropriate media such as water spray, dry chemical, or carbon dioxide foam.

Unusual Explosion Hazards: If involved in a fire it will support combustion.

Required special protective equipment for firefighters: In case of fire, evacuate area of all unprotected personnel. Wear proper safety equipment, including full protective clothing and self-contained breathing apparatus with full facepiece operated in a pressure demand or other positive pressure mode. Emits toxic fumes when burned, so prevent eye, skin and lung contact. Cool heat exposed containers with water

6. Accidental Release Measures

Steps to be taken in case material is spilled or released: Observe all federal, state, and local regulations. Do not discharge large amount of product directly into public sewers or waterways. In case of large spill, absorb with clay of diatomaceous earth and dispose according to federal, state, and local regulations. Cleaner-soaked floors may be slippery.

7. Handling And Storage

Handling and storage: Keep from freezing. Do not store in metal containers, use plastic containers only. Keep containers tightly closed until used. Do not mix with other chemicals. Store in cool and dry area. Optimal storage temperature 50 - 80°F. Keep out of direct sunlight. Do not store near open flames of other extreme heat sources. Make sure containers are labeled properly. Read and understand the SDS before using any chemical products.



Safety Data Sheet

Tire Finish

Daytime Phone (877) 474-7501

8. Exposure Control

Personal protection equipment Consult your safety equipment supplier for proper equipment use and care guidelines.

Respiratory Protection: Use product in a ventilated area. Respiratory protection is not normally required. A NIOSH approved dust/mist respirator may be used by lung sensitive individuals if needed

Eye Protection: Safety glasses and a face shield are recommended. Do not wear contact lenses when using this chemical product.

Skin Protection: Other than normal work apparel, not normally required. Protective gloves recommended for skin sensitive individuals when handling the concentrated product.

Other Protective Equipment: Fresh water source (hose, eye wash or safety shower) in work area is required when handling any chemical.

Engineering controls: No special requirements.

9. Physical And Chemical Properties

Chemical Family: Organomodified

Polydimethylsiloxane

pH: 4.5 – 7.0

Flammable limits in air: Not applicable

Finished Product Weight: Unknown

Appearance: Viscous liquid

Boiling Point: >212°F (100°C)

Freezing Point: 33°F (0.5°C)

Percent Volatile Less Water (Weight %): < 1% (non-regulated material)

Odor: Slight fragranced odor

Flash Point: >200°F (93°C)

Solubility in Water: 100%

10. Stability and Reactivity

Stability: Stable

Materials to avoid: Avoid contact with strong alkalis, bleach, strong oxidizers, acids, strong reducers. In short, do not mix with any other chemicals.

Hazardous Decomposition Products: Hydrochloric acid, volatile amines and low atomic weight hydrocarbons can be produced.

Hazardous Polymerization: Will not occur

Conditions to avoid: Excessive heat, open flames, or contact with incompatible materials

11. Toxicological Information

Route(s) of entry:

Skin: Yes

Eyes: Yes

Inhalation: Yes

Ingestion: Yes

Health Hazards (acute and chronic)

Acute: Non-irritant to eyes and skin. May cause skin and respiratory system irritation in some sensitive individuals.

Chronic: May cause contact skin dermatitis in some individuals sensitive to degreasing of the skin.

Listed as a carcinogen/ potential carcinogen: NTP: No

I.A.R.C. Monographs: No

OSHA: No

12. Ecological Information

Eco-toxicity: Not exactly known, However, data provided by manufacturer shows individual raw materials (undiluted) have low to moderate acute aquatic toxicity in the most sensitive species tested. This material is phosphate-free and is expected to be readily biodegradable.

Environmental Fate: Not known exactly, but material is expected to be biodegradable.

Bioaccumulation: Not known, but material is expected to be readily biodegradable.

13. Disposal Considerations

Dispose of unused concentrated material, as well as empty containers, in compliance with federal, state, and local regulations. Do not re-use empty containers for other purposes. Empty containers should be triple-rinsed prior to disposal or recycling. Do not dump large quantities of un-neutralized product directly into sewers, on the ground or into any body of water. Not expected to be a RCRA substance based on application.

14. Transport Information

DOT (U.S. Department of Transportation): Not regulated

Proper Ground Shipping Name: Not regulated, non-hazardous liquid

Marine Pollutant: See Section 12

Air and Water Shipping Name: Non-Regulated.

15. Regulatory Information

TSCA: The components that are required to be listed under the TSCA are listed in section 3.

SARA Title 3 Section 313, 312, 311: Toxic chemical notification and release reporting: None of the ingredients are listed.

California Prop. 65: This product is not listed to contain any ingredients listed by State of California to cause cancer.

CARB VOC Content: Product currently meets California Air Resource Board (CARB) VOC limits.

16. Other Information

The Safety Data Sheet relates only to the specific information contained and does not relate to other materials or processes. The data contained is believed to be correct, current, and presented in good faith. However, because the conditions of use are outside our control, it should not be taken as a warranty or representation, expressed or implied, for which Shield Solutions, LLC, or agents acting on their behalf, assume legal responsibility. This information is provided solely for consideration, investigation, and verification.

Disclaims any liability against infringement of any patent through customer use of any product or process in combination with other materials or processes. Other precautions: For industrial and commercial use only. Keep out of reach of children and pets. Avoid eye and excessive skin contact. Do not swallow. Wash thoroughly after handling.

Revision Date: 03/20/15

NOTE: Specifications and government regulations may change without notice. This document should not be regarded as legal advice or regulation. For questions relating to specific aspects of the requirements and regulations, please ask the proper regulatory agency. Always check with your local government or transporter.