
MATERIAL SAFETY DATA SHEET

TYRE SHINE

WATER-BASED

PROPERTIES

Appearance: Milky White Dispersion

FEATURES

Works immediately on contact, brilliant shine.
Leaves tyres and dash looking new.

DIRECTIONS FOR USE

Apply directly to surfaces using a brush, soft cloth or sponge.
Dilution is not necessary, but can be done if desired.

SAFETY PRECAUTIONS/WARNING

Keep away from children
Avoid contact with eyes

PRODUCT	:	TYRE SHINE – WATER-BASED
CHEMICAL FAMILY	:	POLYDIMETHYLSILOXANE
MANUFACTURER	:	
ISSUE DATE	:	31/01/2021 (VERSION 1)
USE	:	DASH & TYRE SHINE

SECTION 1: Identification

1.1 Product Identifier

Product Name: TYRE SHINE – WATER-BASED

1.2 Other means of identification SDS

1.3 Recommended use of the chemical and restrictions on use

Recommended Use: Silicone Emulsion mould release and lubricant

SECTION 2: Hazards Identification

Appearance: Milky white dispersion

Physical State: Liquid

Odour: Low

2.1 Classification:

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

SECTION 3: Composition/Information on Ingredients

Chemical Name	Cas No.	Weight - %
Water	7732-18-5	60-70
Polydimethylsiloxane	63148-62-9	30-40

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

SECTION 4: First-Aid Measures

4.1 First Aid:

Eye Contact: Rinse with cool clean water.

Skin Contact: Wash with soap and water.

Inhalation: Remove to fresh air.

Ingestion: Do not induce vomiting without medical advice.

4.2 Most important symptoms and effects:

Symptoms: Ingestion causes nausea. Causes temporary eye irritation.

4.3 Indication of any immediate medical attention and special treatment needed: Notes to

Physician: Treat symptomatically.

SECTION 5: Fire-Fighting Measures

- 5.1 Suitable Extinguishing Media:
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Unsuitable Extinguishing Media: Not determined.
- 5.2 Specific Hazards Arising from the Chemical:
Not determined.
- Hazardous Combustion Products: Thermal decomposition may produce CO, CO₂ and SiO₂.
- 5.3 Protective equipment and precautions for fire-fighters:
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6: Accidental Release Measures

- 6.1 Personal precautions, protective equipment and emergency procedures: Personal
Precautions: Use personal protective equipment as required.
- 6.2 Methods and material for containment and cleaning up:
- Methods for Containment: Prevent further leakage or spillage if safe to do so.
- Methods for Clean-Up: Apply absorbent and discard in accordance with local, state and federal regulations.

SECTION 7: Handling and Storage

- 7.1 Precautions for safe handling:
Advice on Safe Handling: Handle in accordance with good industrial hygiene and safety practice.
- 7.2 Conditions for safe storage, including any incompatibilities:
- Storage Conditions: Store away from incompatible materials. Do not store at temperatures above 49 °C/120 °F.
- Incompatible Materials: Strong oxidizing agents.
-

SECTION 8: Exposure Controls / Personal Protection

- 8.1 Exposure Guidelines: This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies
- 8.2 Appropriate engineering controls:
Engineering Controls: Mechanical ventilation is recommended. Showers. Eyewash stations.
- 8.3 Individual protection measures, such as personal protective equipment: Eye/Face
Protection: Proper eye care should be practiced in all industrial operations.
Skin and Body Protection: Wear suitable protective clothing.
Respiratory Protection: A respirator is not needed under normal and intended conditions of product use.
General Hygiene Considerations: Handle in accordance with good industrial hygiene and safety practice.

SECTION 9: Physical and Chemical Properties

- 9.1 Information on basic physical and chemical properties:

Physical State:	Liquid	Odour:	Low
Appearance:	Milky white dispersion	Odour Threshold:	Not determined
Colour:	Milky white		
Property	Values	Remarks • Method	
pH	Not determined		
Melting Point/Freezing Point	0 °C / 32 °F		
Boiling Point/Boiling Range	100 °C / 212 °F		
Flash Point	301.7 °C / 575 °F	Pensky-Martens Closed Cup (PMCC)	
Evaporation Rate	Slow		
Flammability (Solid, Gas)	Liquid- Not applicable		
Upper Flammability Limits	Not determined		
Lower Flammability Limit	Not determined		
Vapour Pressure	<0.1	@ 21°C (70°F)	
Vapour Density	<1	(Air=1)	
Specific Gravity	0.99 mm Hg @ 25°C (77°F)	(Water = 1)	
Water Solubility	Completely miscible		
Solubility in other solvents	Not determined		
Partition Coefficient	Not determined		
Auto-ignition Temperature	Not determined		
Decomposition Temperature	Not determined		
Kinematic Viscosity	Not determined		
Dynamic Viscosity	Not determined		
Explosive Properties	Not determined		
Oxidizing Properties	Not determined		
VOC Content (%)	0%		

SECTION 10: Stability and Reactivity

- 10.1 Reactivity
Not reactive under normal conditions.
- 10.2 Chemical Stability
Stable under recommended storage conditions.
- 10.3 Possibility of Hazardous Reactions
None under normal processing.
- Hazardous Polymerization Under normal conditions of storage and use, hazardous polymerization will not occur.
- 10.4 Conditions to Avoid
Incompatible Materials. Extreme temperatures.
- 10.5 Incompatible Materials
Strong oxidizing agents.
- 10.6 Hazardous Decomposition Products
Thermal decomposition may produce CO, CO₂ and SiO₂.

SECTION 11: Toxicological Information

- 11.1 Information on likely routes of exposure

Product Information

Eye Contact Avoid contact with eyes.
Skin Contact Avoid contact with skin.
Inhalation Do not inhale.
Ingestion Do not ingest.

- 11.2 Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Polydimethylsiloxane 63148-62-9	>17g/kg (Rat)	>2 g/kg (Rabbit)	

- 11.3 Information on physical, chemical and toxicological effects:

Symptoms: Please see section 4 of this SDS for symptoms.

- 11.4 Delayed and immediate effects as well as chronic effects from short and long-term exposure:

Carcinogenicity: Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

- 11.5 Numerical measures of toxicity:

Not determined

SECTION 12: Ecological Information

- 12.1 Ecotoxicity
The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
- 12.2 Persistence/Degradability
Not determined.
- 12.3 Bioaccumulation
Not determined.
- 12.4 Mobility
Not determined
- 12.5 Other Adverse Effects
Not determined

SECTION 13: Disposal Considerations

13.1 Waste Treatment Methods

Disposal of Wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging Disposal should be in accordance with applicable regional, national and local laws and regulations.

SECTION 14: Transport Information

- 14.1 Note Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT Not regulated
IATA Not regulated
IMDG Not regulated

SECTION 15: Regulatory Information

15.1 International Inventories

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KEGL	PICCS	AICS
Water	Present	X		Present			X	Present	X	X
Polydimethylsiloxane	Present	X				Present	X	Present	X	X

SECTION 16: Other Information

NFPA	Health Hazards	Flammability	Instability	Special Hazards
	Not determined	Not determined	Not determined	Not determined
HMIS	Health Hazards	Flammability	Physical Hazards	Personal Protection
	0	1	0	A

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.