

PRODUCT NAME: ABRO Siliconized Tire Shine
PRODUCT NUMBER/SIZE: TS-100

Revision Date: 1/13/2015

SECTION 1 Identification of the Substance and of the Company/Undertaking

MANUFACTURER'S NAME: ABRO INDUSTRIES, INC.
ADDRESS: 3580 Blackthorn Court
South Bend, IN 46628
USA
PRODUCT DESCRIPTION: Tire Shine
COMPANY PHONE: 574-232-8289
EMERGENCY 24-HR TELEPHONE: Chemtrec: US/Canada 1-800-424-9300
International +1-703-527-3887

SECTION 2 Hazards Identification

Classification:

Flammable Aerosol (Category 1)
Skin irritation (Category 2)
Specific target organ toxicity - single exposure (Category 3), Central nervous system
Aspiration hazard (Category 1)
Acute aquatic toxicity (Category 2)
Chronic aquatic toxicity (Category 2)

Label Pictogram(s):



Signal Word: DANGER

Hazard Phrases: Extremely flammable aerosol. Pressurized container may burst if heated. May be fatal if swallowed and enters airways. Causes skin irritation. May cause drowsiness or dizziness. Very toxic to aquatic life with long lasting effects.

Precautionary Phrases: Keep away from heat, sparks and open flame. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Do not breathe spray. Wash skin thoroughly after handling. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Collect spillage. Wear protective gloves.

Response: IF SWALLOWED: Do NOT induce vomiting. Immediately call a POISON CENTER or doctor. IF ON SKIN wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF exposed, concerned, you feel unwell or if skin irritation occurs: Get medical attention.

Storage / Disposal: Store in a well-ventilated place, keep container tightly closed, cool and locked up. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F. Dispose of contents/ container to an approved waste disposal plant.

Other: Keep out of reach of children. Read label before use.
If medical advice is needed, have product container or label at hand.

SECTION 3 Composition/Information on Ingredients

COMPONENTS	CAS Number	OSHA PEL	ACGIH TLV	Percent by weight
**n-Heptane	142-82-5	500 ppm	400 ppm	60-100 %
Propane	74-98-6	Unknown	1000 ppm	15-40 %
n-Butane	106-97-8	Unknown	800 ppm	10-30 %

** Indicates ingredients that are subject to the reporting requirements of Section 313 of EPCRA and 40 CFR 372. Components of a blended material regulated under section 313 of SARA.

HMIS: Health 1 Flamm.4 React.0 NFPA: Tox.1 Flamm. 4 React. 0

SECTION 4 First Aid Measures

First Aid Measures

Immediate Medical Attention: Treat symptomatically. Remove victim to fresh air.

Eyes May cause mild eye irritation. Symptoms include stinging, tearing, and redness.

Skin May cause mild skin irritation. Symptoms may include redness and burning of skin. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, and drying and cracking of skin, skin burns, and other skin damage.

Ingestion Swallowing small amounts during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful. This material can get into the lungs during swallowing or vomiting. This results in lung inflammation and other lung injury.

Inhalation Breathing small amounts of this material during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful.

Signs & Symptoms Of Over Exposure:	Low to moderate degree of toxicity by way of inhalation. Eye contact may cause mild eye irritation including stinging, watering and redness. Skin irritant. Contact may cause redness, itching and a burning sensation. ASPIRATION HAZARD: This material can get into the lungs during swallowing or vomiting and cause lung inflammation.
Special Treatment:	None.

SECTION 5 Fire Fighting Measures

Extinguishing media	Water Spray, Foam, Dry Chemical, CO ₂
Hazardous Combustion:	Not Available.
Protective Equipment and Precautions for firefighters:	Material is volatile and readily gives off vapors which may travel along the ground or be moved by ventilation and ignited by pilot lights, flames, sparks, heaters, smoking, electric motors, static discharge or other ignition sources at locations near the material handling point. Never use welding or cutting torch near area of use because product can ignite explosively. Wear full firefighting turn-out gear and respiratory protection. Water may be ineffective for extinguishment unless used under favorable conditions by experienced fire fighters. Use water spray to cool fire exposed containers and structures until fire is out if it can be done with minimal risk. Keep containers cool to avoid bursting containers. UNUSUAL HAZARDS: Contents under pressure. Do not use near fire, sparks, or flame. Do not puncture or incinerate container. Exposure to temperatures above 120°F may cause container to burst.
Flammability per Flame Projection Test	EXTREMELY FLAMMABLE (>18" with flashback)

SECTION 6 Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:	Not Available.
Methods/materials for containment and cleanup:	Absorb spill with inert material then place in a chemical waste container. Dispose of spill material in accordance with local, state or federal regulations.
Environmental precautions:	Avoid release to the environment.

SECTION 7 Handling and Storage

Precautions for Safe Handling	DANGER! EXTREMELY FLAMMABLE. VAPOR HARMFUL. CONTENTS UNDER PRESSURE. Keep out of reach of children. Read label cautions carefully. Follow label directions to avoid injury. Use with adequate ventilation. Do not use in confined areas. Intentional misuse by
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deliberately concentrating and inhaling the contents of this product may be harmful or fatal. Keep away from heat, sparks, sources of ignition and open flames. Wash hands thoroughly after each use. Do not smoke while using. Avoid contact with skin and eyes. Avoid breathing vapor or mist. Do not puncture container.

Conditions for Safe Storage

Keep out of reach of children. Do not store near heat, sparks, or open flames. Do not expose to temperatures above 120°F as container may vent, rupture or burst. Do not puncture or incinerate container. Do not store in direct sunlight. Store in a cool, dry, well-ventilated area away from incompatible materials. Store in accordance with NFPA 30B for Level 3 Aerosol.

SECTION 8 Exposure Controls/Personal Protection

COMPONENTS	CAS Number	OSHA PEL	ACGIH TLV
n-Heptane	142-82-5	500 ppm	400 ppm
Propane	74-98-6	Unknown	1000 ppm
n-Butane	106-97-8	Unknown	800 ppm

Engineering Controls: Maintain adequate ventilation

Personal Protective Equipment: **Skin:** Wear CHEMICAL RESISTANT GLOVES if repeated skin contact occurs or causes irritation. **Eyes:** Wear SAFETY GLASSES OR GOGGLES to prevent eye contact **Respiratory:** Use respirator only as a last resort to control exposure.

SECTION 9 Physical and Chemical Properties

Appearance and Physical State:	Colorless, clear liquid in pressurized aerosol can.
Odor:	Hydrocarbon.
Odor Threshold:	Not Available.
pH:	Not Available.
Melting Point/Freezing Point:	Not Available.
Initial boiling point & boiling range:	>100°F
Flash Point:	Not Available.
Evaporation rate:	>1.00.
Flammability (solid, gas)	Not Available.
Upper/lower flammability or explosive limits	Not Available.
Vapor pressure	Not Available.
Vapor density	Not Available.
Relative density / Specific gravity	0.700 – 0.720g/ml
Solubility	Insoluble
Partition Coefficient n-Octanol/Water	Not Available.
Auto-ignition Temperature:	Not Available.
Decomposition Temperature:	Not Available.
Viscosity:	Not Available.
%-VOC Content:	94.48%
CARB VOC Category/Standard(%)	Not Available.

OTC Model Rule Category/Standard(%) Not Available
US EPA Cons Prod Category/Standard(%) Not Available

SECTION 10

Stability and Reactivity

Reactivity Not Available.

Chemical Stability: Product is stable

Possibility of hazardous reactions: Not Available.

Conditions to avoid (e.g. static discharge, shock or vibration): Heat, sparks, open flames and temperatures above 120°F

Incompatibilities: Avoid contact with strong oxidizers

Hazardous decomposition products: Fumes, smoke, CO and other asphyxiants

Hazardous polymerization: Will not occur

SECTION 11

Toxicological Information

Likely Routes of Exposure: Inhalation, skin /eye contact.

Symptoms:

Low to moderate degree of toxicity by way of inhalation. Eye contact may cause mild eye irritation including stinging, watering and redness. Skin irritant. Contact may cause redness, itching and a burning sensation. ASPIRATION HAZARD: This material can get into the lungs during swallowing or vomiting and cause lung inflammation.

Delayed and Immediate Effects: Not Available.

Chronic Effects: Not Available.

Toxicity Measures:

HEPTANE, Branched, Cyclic and Linear:

ORAL LD50: >5g/kg(similar materials)

DERMAL LD50: >2g/kg(similar material)

INHALATION LC50: 65-103g/m³/4hr. rat (similar material)

n-HEPTANE:

ORAL LD50: 17.0g/kg (Rat)

DERMAL LD50: 3400mg/kg, rabbit

INHALATION LC50: 65-103g/m³ (4-hr., Rat)

NTP Carcinogen: No

IARC Carcinogen: No

OSHA Carcinogen: No

SECTION 12

Ecological Information

Ecotoxicity:

HEPTANE

If applied to leaves, this product may kill grasses and small plants by interfering with transpiration and respiration. This product is not toxic to fish but may coat gill structures resulting in suffocation if spilled in shallow, running water. Product may be moderately toxic to amphibians by preventing dermal respiration. This product may cause gastrointestinal distress to birds and mammals through ingestion during pelage grooming.

Persistence and Degradability: No data available.

Bioaccumulation Potential: No data available

Mobility in Soil: No data available.

Other Adverse Effects: No data available.

SECTION 13

Disposal Considerations

Storage and Disposal Keep out of reach of children. Do not store near heat, sparks, or open flames. Do not expose to temperatures above 120°F as container may vent, rupture or burst. Do not puncture or incinerate container. Do not store in direct sunlight. Store in a cool, dry, well-ventilated area away from incompatible materials. Store in accordance with NFPA 30B for Level 3 Aerosol.

Waste Disposal Method: Do not dispose of this product in drains or storm sewers. Do not dispose of this product in a landfill without prior solidification. The generator of a waste is always responsible for making proper hazardous waste determinations and needs to consider state and local requirements in addition to federal regulations.

SECTION 14

Transport Information

Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (ocean, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport.

U.S. DOT	UN/ID Number:	UN1950
	Proper shipping name:	Aerosols
	Hazard class:	2.1
	Packing Group:	None
	Exceptions:	May be shipped as a limited quantity or consumer commodity
	Environmental Hazards:	None

	Transport in Bulk:	Not Applicable.
	Special Precautions:	ERG#126
IMO/IMDG	UN/ID Number:	UN1950
	Proper shipping name:	Aerosols
	Hazard class:	2.1
	Packing Group:	None
	Exceptions:	May be shipped as a limited quantity
	Environmental Hazards:	None
	Transport in Bulk:	Not Applicable
	Special Precautions:	EmS F-D, S-U
ICAO/IATA	UN/ID Number:	UN1950
	Proper shipping name:	Aerosols, flammable
	Hazard Class:	2.1
	Packing Group:	None
	Exceptions:	May be shipped as a limited quantity or consumer commodity
	Environmental Hazards:	None
	Transport in Bulk:	Not Applicable
	Special Precautions:	None
Canada (TDG)	UN/ID Number:	UN1950
	Proper shipping name:	Aerosols, flammable
	Hazard class:	2.1
	Packing Group:	None
	Exceptions:	May be reclassified as a limited quantity.
	Environmental Hazards:	None
	Transport in Bulk:	Not Applicable
	Special Precautions:	ERG#126

SECTION 15

Regulatory Information

This product is considered to be hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Section 313 Information (40 CFR 372): This product contains a chemical which is listed in Section 313 at or above the de minimis concentrations. None

U. S. Toxic Substance Control Act (TSCA): All components of this product are listed or are not regulated U.S. Toxic Substance Control Act (TSCA) Chemical Substance Inventory.

Proposition 65 – California Safe Drinking Water and Toxic Enforcement Act of 1986
This product is not known to contain any chemicals currently listed as carcinogens or reproductive toxins under California Proposition 65 at levels which would be subject to the proposition.

Sara Title III: CERCLA: YES

TSCA INVENTORY: All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.30.

SECTION 16

Other Information

We believe all information given is accurate. It is offered in good faith but without guarantee. Since conditions of use are beyond our control, user assumes all responsibility and risk.

The supplier disclaims all expressed or implied warranties of merchantability or fitness 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 manufacturers 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.

ABBREVIATIONS:

NG="NOT GIVEN"

BT="BETWEEN"

<="LESS THAN"

>="GREATER THAN"

ND = Not Determined

NA = Not Applicable

This information is intended to provide interpretative and authoritative information in regard to the subject matter covered as a service to our clients and has been answered to the best of our ability based on the information provided to us. We do not guarantee the accuracy or completeness of any such interpretation or information, however, nor do we warrant that compliance with any advice we provide will guarantee compliance with any legal or regulatory requirements. Our statements or opinions do not convey legal interpretation and government authorities or legal counsel should be contacted for such a response.