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SAFETY DATA SHEET
OSHA HCS (29 CFR 1910.1200)
Black Shine Tire & Trim Coating

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Chemical Name	Mixture
CAS No.	Mixture
Trade Name	GRIOT'S GARAGE BLACK SHINE TIRE & TRIM COATING
Product Code	10938, 10850

Relevant identified uses of the substance or mixture and uses advised against

Identified Use(s)	TIRE CARE
Uses Advised Against	None
Company Identification	Griot's Garage, Inc. 3333 S 38 th St Tacoma WA 98409

Telephone	800-345-5789
Fax	888-252-2252
E-Mail (competent person)	customerservice@griotsgarage.com

Emergency telephone number	InfoTrac: North America 1-800-535-5053, Outside North America 1-352-323-3500
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SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture

OSHA HCS (29 CFR 1910.1200)

Flam. Aerosol 1; Liquefied gas; Skin Irrit. 2; STOT SE 3; Asp. Tox. 1

Label elements

Hazard Symbol



Signal word(s)
Hazard Statement(s)

DANGER

Extremely flammable aerosol.
Contains gas under pressure; may explode if heated.
Causes skin irritation. Repeated exposure may cause skin dryness or cracking.
May cause drowsiness or dizziness.
May be fatal if swallowed and enters airways.



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Precautionary Statement(s)

Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
 Do not spray on an open flame or other ignition source.
 Do not pierce or burn, even after use.
 Use only outdoors or in a well-ventilated area.
 Avoid breathing spray.
 Wear protective gloves/eye protection.
 Wash hands and exposed skin after use.
 Protect from sunlight and do not expose to temperatures exceeding 50 °C/122 °F.

Other hazards

Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredient(s)	% wt. *	CAS No.	Hazard classification
Acetone	10-30	67-64-1	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336
Heptane, branched, cyclic and linear	1-12	426260-76-6	Flam. Liq. 2, H225 Asp. Tox. 1; H304 Skin Irrit. 2, H315 STOT SE 3, H336 Aquatic Acute 2, H401 Aquatic Chronic 3, H412
1,1-Difluoroethane	<1	75-37-6	Flam. Gas 1; H220 Liquified Gas; H280 Simple Asphyxiant
Polydimethylsiloxanes	>40	63148-62-9	Not classified as dangerous for supply/use.

Additional Information – None

* The exact percentage withheld as a trade secret in accordance with 29 CFR 1910.1200.

SECTION 4: FIRST AID MEASURES



Description of first aid measures

Inhalation	Move person to fresh air. If breathing is labored, administer oxygen. If symptoms develop, obtain medical attention.
Skin Contact	Wash affected skin with soap and water. If irritation (redness, rash, blistering) develops, get medical attention.
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Ingestion	Do not induce vomiting. Do not give anything by mouth to an unconscious person. Get immediate medical attention.

Most important symptoms and effects, both acute and delayed

May be fatal if swallowed and enters airways. Do NOT induce vomiting.

Indication of any immediate medical attention and

IF SWALLOWED: Immediately call a POISON CENTER or



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special treatment needed

doctor/physician.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

- Suitable Extinguishing Media
- Unsuitable Extinguishing Media

Extinguish with carbon dioxide, dry chemical, foam or water spray. Do not use water jet.

Special hazards arising from the substance or mixture

Pressurised container: May burst if heated

Advice for fire-fighters

A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions. Keep containers cool by spraying with water if exposed to fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Eliminate sources of ignition. Avoid contact with skin and eyes. Avoid breathing spray. Wear protective gloves/eye protection.

Environmental precautions

Prevent liquid entering sewers, basements and work pits.

Methods and material for containment and cleaning up

Cover spills with inert absorbent material. Transfer to a container for disposal or recovery.

Reference to other sections

None

Additional Information

None

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Use only outdoors or in a well-ventilated area. Avoid contact with skin and eyes. Avoid breathing vapors.

Conditions for safe storage, including any incompatibilities

-Storage temperature

Store in a well-ventilated place. Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.

-Incompatible materials

This product should be stored away from sources of strong heat or oxidizing chemicals.

Specific end use(s)

Lubricant

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

SUBSTANCE.	CAS No.	(8hr TWA)		(STEL)		Note:
		PEL (OSHA)	TLV (ACGIH)	PEL (OSHA)	TLV (ACGIH)	
Acetone	67-64-1	1000	500	-----	750	^NIC
Heptane, branched, cyclic and linear	426260-76-6	500 ppm*	1500 mg/m ³	-----	-----	*n-heptane

Recommended monitoring method

NIOSH 1500 (hydrocarbons, B.P. 36 - 126 °C);

Exposure controls

Appropriate engineering controls

Provide adequate ventilation to ensure that the occupational exposure limit is not exceeded.



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Personal protection equipment

Eye/face protection



Wear protective eyewear (goggles, face shield, or safety glasses).

Skin protection (Hand protection/ Other)



Wear suitable gloves if prolonged skin contact is likely (Butyl rubber).
Check with protective equipment manufacturer's data.

Respiratory protection



Normally no personal respiratory protection is necessary. In case of insufficient ventilation, wear suitable respiratory equipment. Check with protective equipment manufacturer's data.

Thermal hazards

Not normally required. Use gloves with insulation for thermal protection, when needed.

Environmental Exposure Controls

Avoid release to the environment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Aerosol spray
Color.	Colourless
Odor	Slightly ethereal
Odor Threshold (ppm)	Not available
pH (Value)	Not available
Melting Point (°C) / Freezing Point (°C)	Not available.
Boiling point/boiling range (°C):	-25 (1,1-Difluoroethane)
Flash Point (°C)	-50, est. (1,1-Difluoroethane)
Evaporation Rate (Ethyl ether =1)	>1 (1,1-Difluoroethane)
Flammability (solid, gas)	Extremely flammable
Explosive Limit Ranges	3.9% - 16.9% v/v (1,1-Difluoroethane)
Vapor pressure (Pascal)	5.3×10^5 @ 21°C (1,1-Difluoroethane)
Vapor Density (Air=1)	2.4 (1,1-Difluoroethane)
Density (g/ml)	Not available.
Solubility (Water)	0.28% @ 21°C (1,1-Difluoroethane)
Solubility (Other)	Not available
Partition Coefficient (n-Octanol/water)	Not available
Auto Ignition Point (°C)	440 (1,1-Difluoroethane)
Decomposition Temperature (°C)	Not available
Kinematic Viscosity (cSt)	< 20.5
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.
Other information	Not available

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Stable under normal conditions.
Chemical stability	Stable.
Possibility of hazardous reactions	None anticipated.
Conditions to avoid	Avoid contact with heat and ignition sources.



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Incompatible materials

This product should be stored away from sources of strong heat or oxidizing chemicals.

Hazardous decomposition product(s)

Carbon monoxide, Carbon dioxide, Acrid smoke

SECTION 11: TOXICOLOGICAL INFORMATION

Exposure routes: Inhalation, Skin Contact, Eye Contact

Information on toxicological effects

Acetone (CAS No. 67-64-1)

Acute toxicity

Oral LD50 = 5800 mg/kg (rat)
 Dermal LD50 >15800 mg/kg (rabbit)
 Inhalation LC50 76 mg/L (4 hour(s)) (rat) - Vapours may cause drowsiness and dizziness.

Irritation / Corrosivity

Causes serious eye irritation. Repeated exposure may cause skin dryness or cracking.

Sensitisation

It is not a skin sensitiser.

Repeated dose toxicity

Oral NOAEL = 900 mg/kg/day (rat) (90-days)
 Inhalation NOAEL ≥ 19,000 ppm (rat)

Carcinogenicity

It is unlikely to present a carcinogenic hazard to man.

NTP	IARC	ACGIH	OSHA	NIOSH
No.	No.	No.	No.	No.

Mutagenicity

Negative

Toxicity for reproduction

Negative

Other information

None known.

Heptane, branched, cyclic and linear (CAS# 426260-76-6) - By analogy with similar materials:

Acute toxicity

Oral: LD50 >5 g/kg-bw
 Dermal: LD50 >2 g/kg-bw
 Inhalation: LC50 = 65 - 103 mg/L (Vapour), 4-hr. rat
 May cause drowsiness or dizziness.
 May be fatal if swallowed and enters airways.

Irritation/Corrosivity

Causes skin irritation. Repeated exposure may cause skin dryness or cracking. May cause eye irritation.

Sensitisation

It is not a skin sensitiser.

Repeated dose toxicity

NOAEC: 12350 mg/m3 (2 yr, inhal., rat, Systemic effects)
 LOAEC: 1650 mg/m3 (2 hr, inhal., rat, CNS effects)
 May cause drowsiness or dizziness.

Carcinogenicity

No data. It is unlikely to present a carcinogenic hazard to man.

NTP	IARC	ACGIH	OSHA	NIOSH
No.	No.	No.	No.	No.

Mutagenicity

There is no evidence of mutagenic potential.

Toxicity for reproduction

No information available



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SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

Heptane, branched, cyclic and linear (CAS# 426260-76-6) - By analogy with similar materials:

Short term	LL50 (96 hour): >13.4 mg/L (<i>Oncorhynchus mykiss</i>) EL50 (48 hour): 3 mg/l (<i>Daphnia magna</i> , mobility) EC50 (96 hour): 13 mg/l (<i>Pseudokirchnerella subcapitata</i>)
Long Term	NOELR (28 days) 1.5 mg/l (<i>Fish</i>) QSAR LOEC (21 days): 0.32 mg/l (<i>Daphnia magna</i>) NOEL (96 hour) 6.3 mg/l (Algae)

Persistence and degradability

Readily biodegradable.

Bioaccumulative potential

The product has no potential for bioaccumulation.

Mobility in soil

Not available.

Results of PBT and vPvB assessment

Not classified as PBT or vPvB.

Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.

SECTION 14: TRANSPORT INFORMATION

	<u>U.S. DOT</u>	<u>Sea transport (IMDG)</u>	<u>Air transport (ICAO/IATA)</u>
UN number	1950	1950	1950
Proper Shipping Name	Aerosols, flammable	Aerosols, flammable	Aerosols, flammable
Transport hazard class(es)	2.1	2.1	2.1
Packing group	Not applicable	Not applicable	Not applicable
Environmental hazards	None assigned	None assigned	None assigned
Special precautions for user	None assigned	None assigned	None assigned

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable

SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture:

TSCA (Toxic Substance Control Act) - Inventory Status: All components listed or polymer exempt.

Designated Hazardous Substances and Reportable Quantities (40 CFR 302.4):

Chemical Name	CAS No.	Typical %wt.	RQ (Pounds)
Acetone	67-64-1	20	5000

SARA 311/312 - Hazard Categories: See SECTION 2: HAZARDS IDENTIFICATION

SARA 313 - Toxic Chemicals (40 CFR 372):

Chemical Name	CAS No.	Typical %wt.
None	-----	-----



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SARA 302 - Extremely Hazardous Substances (40 CFR 355):

Chemical Name	CAS No.	Typical %wt.	TPQ (pounds)
None	----	----	----

California Proposition 65 List:

Chemical Name	CAS No.	Type of Toxicity
None	----	-----

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16.

Date of preparation: August 11, 2021

Hazard Statement(s) and Risk Phrases Listed in: SECTION 2:/ SECTION 3:

Hazard Statement(s)

- H220: Extremely flammable gas.
- H225: Highly flammable liquid and vapor.
- H280: Contains gas under pressure; may explode if heated.
- H304: May be fatal if swallowed and enters airways.
- H315: Causes skin irritation.
- H336: May cause drowsiness or dizziness.
- H401: Toxic to aquatic life.
- H412: Harmful to aquatic life with long lasting effects.

Training advice: None.

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