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Safety Data Sheet

## Trim & Detail Coating

### SECTION 1: PRODUCT AND COMPANY INFORMATION

#### Product Identifiers

Name Trim & Detail Coating  
Number 10946  
Brand Griot's Garage  
Product Use Automotive care  
Supplier Name Griot's Garage Inc. - [www.griotsgarage.com](http://www.griotsgarage.com)  
Address 3333 South 38th Street – Tacoma - WA 98409  
2185 Airwest Blvd - Plainfield. IN 46168  
Telephone 800-345-5789 - 888-252-2252 Fax - [info@griotsgarage.com](mailto:info@griotsgarage.com)  
Emergency Phone 800-345-5789  
Prepared/Revised July 1, 2020

### SECTION 2: HAZARD IDENTIFICATION

Note: This product is a consumer product and is labeled in accordance with the US Consumer Product Safety Commission regulations which take precedence over OSHA Hazard Communication labeling. The actual container label will not include the label elements below. The labeling below applies to industrial/professional products under OSHA Hazard Communication labeling.

#### Classification of the substance or mixture

OSHA HCS (29 CFR 1910.1200)

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

#### Label elements

Hazard Symbol



**DANGER**

Signal word(s)

Hazard Statement(s)

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

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.  
Pressurized container: Do not pierce or burn, even after use.  
Avoid breathing spray.  
Protect from sunlight and do not expose to temperatures exceeding 50 °C/122 °F.  
Wash hands and exposed skin after use.  
Keep out of reach of children.

Other hazards

None

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

| Hazardous Ingredient(s)              | % wt. * | CAS No.     | Hazard classification                                                             |
|--------------------------------------|---------|-------------|-----------------------------------------------------------------------------------|
| Heptane, branched, cyclic and linear | 30-40   | 426260-76-6 | Flam. Liq. 2; H225<br>Asp. Tox. 1; H304<br>Skin Irrit. 2; H315<br>STOT SE 3; H336 |
| Cyclohexane                          | 10-20   | 110-82-7    | Flam. Liq. 2; H225                                                                |

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|                       |         |            |                                                             |
|-----------------------|---------|------------|-------------------------------------------------------------|
|                       |         |            | Asp. Tox. 1; H304<br>Skin Irrit. 2; H315<br>STOT SE 3; H336 |
| Polydimethylsiloxanes | 1 - 5   | 63148-62-9 | Not classified as dangerous for supply/use.                 |
| Propane               | 10 - 25 | 74-98-6    | Flam. Gas 1; H220<br>Liquefied gas; H280                    |
| Butane                | 10 - 25 | 106-97-8   | Flam. Gas 1; H220<br>Liquefied gas; H280                    |

**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 symptoms develop, obtain medical attention.                                                                                       |
| Eye Contact  | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If symptoms occur obtain medical attention. |
| Ingestion    | Do not give anything by mouth to an unconscious person. Seek medical treatment.                                                                                              |

**Most important symptoms and effects, both acute and delayed**      Aspiration of droplets may cause pulmonary oedema.

**Indication of any immediate medical attention and special treatment needed**      IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

### SECTION 5: FIREFIGHTING MEASURES

#### Extinguishing Media

|                                 |                                                                    |
|---------------------------------|--------------------------------------------------------------------|
| -Suitable Extinguishing Media   | Extinguish with carbon dioxide, dry chemical, foam or water spray. |
| -Unsuitable Extinguishing Media | Do not use water jet.                                              |

**Special hazards arising from the substance or mixture**      Highly flammable vapor (flash point below 23°C).

**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**      Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Take precautionary measures against static discharges. Avoid contact with skin and eyes. Avoid breathing vapors.

**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. Avoid contact with skin and eyes. Use product in a well-ventilated area only.

**Conditions for safe storage, including any incompatibilities**

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|                         |                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------|
| -Storage temperature    | Keep in a cool, well ventilated place. Store at temperatures not 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)     | Automotive care product                                                                    |

### SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION

#### Occupational Exposure Limits

| SUBSTANCE.                           | CAS No.     | (8hr TWA)  |                        | (STEL)     |             | Note:      |
|--------------------------------------|-------------|------------|------------------------|------------|-------------|------------|
|                                      |             | PEL (OSHA) | TLV (ACGIH)            | PEL (OSHA) | TLV (ACGIH) |            |
| Heptane, branched, cyclic and linear | 426260-76-6 | 500 ppm*   | 1500 mg/m <sup>3</sup> | -----      | -----       | *n-heptane |
| n-Butane                             | 106-97-8    | -----      | 250 ppm                | -----      | -----       |            |
| Propane                              | 74-98-6     | 1000 ppm   | Aspyx.#                | -----      | -----       | #          |
| Cyclohexane                          | 110-82-7    | 300 ppm    | 100 ppm*               | -----      | -----       | -----      |

\*Assure minimum oxygen content of work atmosphere.

#### 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.

##### 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 (Nitrile rubber)



Respiratory protection

Normally no personal respiratory protection is necessary. In case of insufficient ventilation, wear suitable respiratory equipment.



Thermal hazards

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

#### Environmental Exposure Controls

None known

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

#### Information on basic physical and chemical properties

|                                          |                                    |
|------------------------------------------|------------------------------------|
| Appearance                               | Liquid / Aerosol                   |
| Color.                                   | Colorless                          |
| Odor                                     | Hydrocarbon                        |
| Odor Threshold (ppm)                     | Not available                      |
| pH (Value)                               | Not available                      |
| Melting Point (°C) / Freezing Point (°C) | Not available                      |
| Boiling point/boiling range (°C):        | Not available                      |
| Flash Point (°C)                         | -104 (Propane)                     |
| Evaporation Rate                         | Not available                      |
| Flammability (solid, gas)                | Extremely flammable                |
| Explosive Limit Ranges                   | 2.1% - 9.5% v/v (Propane)          |
| Vapor pressure (Pascal)                  | ca. 95 x 10 <sup>4</sup> (Propane) |
| Vapor Density (Air=1)                    | ca. 1.56 @ 0°C (Propane)           |
| Density (g/ml)                           | Not available                      |
| Solubility (Water)                       | Not available                      |
| Solubility (Other)                       | Not available                      |
| Partition Coefficient (n-Octanol/water)  | Not available                      |

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|                                |                |
|--------------------------------|----------------|
| Auto Ignition Point (°C)       | 450 (Propane)  |
| Decomposition Temperature (°C) | Not available  |
| Kinematic Viscosity            | <20            |
| Explosive properties           | Not explosive. |
| Oxidizing properties           | Not oxidizing. |
| <b>Other information</b>       | Not available  |

### SECTION 10: STABILITY AND REACTIVITY

|                                             |                                               |
|---------------------------------------------|-----------------------------------------------|
| <b>Reactivity</b>                           | Stable under normal conditions.               |
| <b>Chemical stability</b>                   | Stable.                                       |
| <b>Possibility of hazardous reactions</b>   | None anticipated.                             |
| <b>Conditions to avoid</b>                  | Avoid contact with heat and ignition sources. |
| <b>Incompatible materials</b>               | Strong oxidizing agents                       |
| <b>Hazardous decomposition product(s)``</b> | None known                                    |

### SECTION 11: TOXICOLOGICAL INFORMATION

**Exposure routes:** Inhalation, Skin Contact, Eye Contact

#### Substances in preparations / mixtures

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

|                               |                                                                                                                                                                                                |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Acute toxicity</b>         | Oral: LD50 >5 g/kg-bw<br>Dermal: LD50 >2 g/kg-bw<br>Inhalation: LC50 = 65 - 103 mg/L (Vapor), 4-hr. rat<br>May cause drowsiness or dizziness.<br>May be fatal if swallowed and enters airways. |
| <b>Irritation/Corrosivity</b> | Causes skin irritation. Repeated exposure may cause skin dryness or cracking. May cause eye irritation.                                                                                        |
| <b>Sensitization</b>          | It is not a skin sensitizer.                                                                                                                                                                   |
| <b>Repeated dose toxicity</b> | NOAEC: 12350 mg/m3 (2 yr, inhal., rat, Systemic effects)<br>LOAEC: 1650 mg/m3 (2 hr, inhal., rat, CNS effects)<br>May cause drowsiness or dizziness.                                           |
| <b>Carcinogenicity</b>        | No data. It is unlikely to present a carcinogenic hazard to man.                                                                                                                               |

| NTP | IARC | ACGIH | OSHA | NIOSH |
|-----|------|-------|------|-------|
| No. | No.  | No.   | No.  | No.   |

|                              |                                              |
|------------------------------|----------------------------------------------|
| <b>Mutagenicity</b>          | There is no evidence of mutagenic potential. |
| <b>Reproductive toxicity</b> | Not available                                |

#### Information on toxicological effects

Cyclohexane (CAS No. 110-82-7):

|                               |                                                                                                                                                                                                           |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Acute toxicity</b>         | Oral: LD50 >5 g/kg-bw<br>Dermal: LD50 >2 g/kg-bw<br>Inhalation: LC50 >32,800 mg/m3 (Vapor), 4-hr. rat<br>May cause drowsiness or dizziness.                                                               |
| <b>Irritation/Corrosivity</b> | Causes skin irritation. Repeated exposure may cause skin dryness or cracking.                                                                                                                             |
| <b>Sensitization</b>          | It is not a skin sensitizer.                                                                                                                                                                              |
| <b>Repeated dose toxicity</b> | NOAEC: 6800 mg/m3 (90 days, inhal., mouse, based on haematological changes at 24,080 mg/m3)<br>NOEC: 1720 mg/m3 (90 days, inhal., rats and mice, transient effects)<br>May cause drowsiness or dizziness. |
| <b>Carcinogenicity</b>        | No data. It is unlikely to present a carcinogenic hazard to man.                                                                                                                                          |

| NTP | IARC | ACGIH | OSHA | NIOSH |
|-----|------|-------|------|-------|
| No. | No.  | No.   | No.  | No.   |

|                     |                                              |
|---------------------|----------------------------------------------|
| <b>Mutagenicity</b> | There is no evidence of mutagenic potential. |
|---------------------|----------------------------------------------|

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### Reproductive toxicity

Not to be expected.  
NOAEC fetus = 7000 mg/m3  
NOAEC dams = 1720 mg/m3

## SECTION 12: ECOLOGICAL INFORMATION

Toxicity - Substances in preparations / mixtures

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

Cyclohexane (CAS No. 110-82-7)

|            |                                                                                                                                                       |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Short term | LC50 (96 hour): 4.53 mg/L ( <i>Pimephales promelas</i> )<br>EC50 (48 hour): 0.9 mg/L ( <i>Daphnia magna</i> )<br>ErC50 (72hour): > 4.425 mg/l (algae) |
| Long Term  | NOEC (72 hour): 0.925 mg/l (algae)                                                                                                                    |

### Persistence and degradability

Readily biodegradable.

### Bioaccumulative potential

The product has no potential for bioaccumulation.

### Mobility in soil

The product has high mobility in soil.

### Results of PBT and vPvB assessment

Not classified as PBT or vPvB.

### Other adverse effects

None known.

## SECTION 13: DISPOSAL CONSIDERATION

### 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) |
|---------------|----------|--------------|-------------|
| Cyclohexane   | 110-82-7 | 14-23        | 1000        |

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

SARA 313 - Toxic Chemicals (40 CFR 372):

| Chemical Name | CAS No.  | Typical %wt. |
|---------------|----------|--------------|
| Cyclohexane   | 110-82-7 | 10-20        |

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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: March 2,2020

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.
- H373: May cause damage to organs through prolonged or repeated exposure.

Training advice: None.

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Prepared by Griot's Garage