SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product identifier

 Chemical Name: Mixture
 CAS No.: Mixture
 Trade Name: COMMODORE TRIM & BUMPER COATING
 Product Code: SP-550

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

 Identified Use(s): Automotive care product
 Uses Advised Against: None

Company Identification

Spray Products Corporation
P.O. Box 737
Norristown, PA 19404

Telephone: (610) 277-1010
Fax: (610) 277-4390
E-Mail (competent person): johnd@sprayproducts.com

Emergency telephone number

Emergency Phone No. Transportation Emergency: CHEMTREC 24 hr. 1-800-424-9300 / 1 (703) 527-3887 (Collect calls accepted)

SECTION 2: HAZARDS IDENTIFICATION

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

<table>
<thead>
<tr>
<th>Hazardous Ingredient(s)</th>
<th>% wt. *</th>
<th>CAS No.</th>
<th>Hazard classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heptane, branched, cyclic and linear</td>
<td>30 - 60</td>
<td>426260-76-6</td>
<td>Flam. Liq. 2; H225 Asp. Tox. 1; H304 Skin Irrit. 2; H315 STOT SE 3; H336</td>
</tr>
<tr>
<td>Propane</td>
<td>10 - 25</td>
<td>74-98-6</td>
<td>Flam. Gas 1; H220 Liquefied gas; H280</td>
</tr>
<tr>
<td>Butane</td>
<td>10 - 25</td>
<td>106-97-8</td>
<td>Flam. Gas 1; H220 Liquefied gas; H280</td>
</tr>
</tbody>
</table>

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: FIRE-FIGHTING 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
- 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 CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

<table>
<thead>
<tr>
<th>SUBSTANCE.</th>
<th>CAS No.</th>
<th>(8hr TWA)</th>
<th>(STEL)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>PEL (OSHA)</td>
<td>TLV (ACGIH)</td>
</tr>
<tr>
<td>Heptane, branched, cyclic and linear</td>
<td>426260-76-6</td>
<td>500 ppm*</td>
<td>1500 mg/m³</td>
</tr>
<tr>
<td>n-Butane</td>
<td>106-97-8</td>
<td>-----</td>
<td>250 ppm</td>
</tr>
<tr>
<td>Propane</td>
<td>74-98-6</td>
<td>1000 ppm</td>
<td>Aspyx.*</td>
</tr>
</tbody>
</table>

*Assure minimum oxygen content of work atmosphere.

Recommended monitoring method
NIOSH 1500 (hydrocarbons, B.P. 36 - 126 °C)

Exposure 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

Revision: September 10, 2014
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 10^4 (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
- **Auto Ignition Point (°C)**: 450 (Propane)
- **Decomposition Temperature (°C)**: Not available
- **Kinematic Viscosity**: <20
- **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.
- **Incompatible materials**: Strong oxidizing agents
- **Hazardous decomposition product(s)**: 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:

- **Acute toxicity**: Oral: LD50 >5 g/kg-bw
  Dermal: LD50 >2 g/kg-bw
  Inhalation: LC50 = 65 - 103 mg/L (Vapor), 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.

- **Sensitization**: It is not a skin sensitizer.

- **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.
COMMODORE TRIM & BUMPER COATING

<table>
<thead>
<tr>
<th>NTP</th>
<th>IARC</th>
<th>ACGIH</th>
<th>OSHA</th>
<th>NIOSH</th>
</tr>
</thead>
</table>

Mutagenicity

Reproductive toxicity  
There is no evidence of mutagenic potential. Not available

SECTION 12: ECOLOGICAL INFORMATION

Toxicity - Substances in preparations / mixtures

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

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Short term</td>
<td>LL50</td>
<td>96 hour: &gt;13.4 mg/L (Onchorhynchus mykiss)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>EL50</td>
<td>48 hour: 3 mg/l (Daphnia magna, mobility)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>EC50</td>
<td>96 hour: 13 mg/l (Pseudokirchnerella subcapitata)</td>
<td></td>
</tr>
<tr>
<td>Long Term</td>
<td>NOELR</td>
<td>28 days: 1.5 mg/l (Fish) QSAR</td>
<td></td>
</tr>
<tr>
<td></td>
<td>LOEC</td>
<td>21 days: 0.32 mg/l (Daphnia magna)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>NOEL</td>
<td>96 hour: 6.3 mg/l (Algae)</td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>U.S. DOT</th>
<th>Sea transport</th>
<th>Air transport</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN number</td>
<td>(IMDG)</td>
<td>(ICAO/IATA)</td>
</tr>
<tr>
<td>1950</td>
<td></td>
<td>1950</td>
</tr>
</tbody>
</table>

Proper Shipping Name  
Aerosols, flammable

Transport hazard class(es)  
2.1

Packing group  
Not applicable

Environmental hazards  
None assigned

Special precautions for user  
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):

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Typical %wt.</th>
<th>RQ (Pounds)</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>----</td>
<td>----</td>
<td>----</td>
</tr>
</tbody>
</table>

SARA 311/312 - Hazard Categories:

- Fire
- Sudden Release
- Reactivity
- Immediate (acute)
- Chronic (delayed)

SARA 313 - Toxic Chemicals (40 CFR 372):

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Typical %wt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>----</td>
<td>----</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Typical %wt.</th>
<th>TPQ (pounds)</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>----</td>
<td>----</td>
<td>----</td>
</tr>
</tbody>
</table>

Revision: September 10, 2014
California Proposition 65 List:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Type of Toxicity</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>----</td>
<td>----</td>
</tr>
</tbody>
</table>

SECTION 16: OTHER INFORMATION

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

Date of preparation: July 29, 2014

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.

Training advice: None.

Disclaimer: We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for the user's own particular use.