1 Identification

- Product identifier
  - Trade name: 38353 Plastic/Leather Prep
  - Article number: 38353
  - Application of the substance / the mixture: Cleaner solvent / adhesive remover

- Details of the supplier of the safety data sheet
  - Manufacturer/Supplier: SEM Products Inc.
    1685 Overview Drive
    Rock Hill, SC 29730
    803 207 8225

- Information department:
  cust_care@semproduts.com : SEM Products, Inc. 1685 Overview Dr. Rock Hill, SC 29730 : phone 1-800-831-1122, M - TH 7am - 4pm EDT
- Emergency telephone number: CHEMTREC 1-800-424-9300

2 Hazard(s) identification

- Classification of the substance or mixture
  - GHS02 GHS04 Flame, Gas cylinder
  - Flam. Aerosol 1 H222 Extremely flammable aerosol.

- GHS04 Gas cylinder
  - Press. Gas H280 Contains gas under pressure; may explode if heated.

- GHS08 Health hazard
  - Muta. 1B H340 May cause genetic defects.
  - Carc. 1B H350 May cause cancer.
  - Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

- Label elements
  - GHS label elements: The product is classified and labeled according to the Globally Harmonized System (GHS).
  - Hazard pictograms
    - GHS02 GHS04 GHS08

- Signal word Danger
  - Hazard-determining components of labeling:
    - Solvent naphtha (petroleum), light aliph.
  - Hazard statements
    - H222 Extremely flammable aerosol.
Trade name: 38353 Plastic/Leather Prep

H280 Contains gas under pressure; may explode if heated.
H340 May cause genetic defects.
H350 May cause cancer.
H304 May be fatal if swallowed and enters airways.

· Precautionary statements
  P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P211 Do not spray on an open flame or other ignition source.
P251 Pressurized container: Do not pierce or burn, even after use.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310 If swallowed: Immediately call a poison center/doctor.
P331 Do NOT induce vomiting.
P308+P313 IF exposed or concerned: Get medical advice/attention.
P405 Store locked up.
P403 Protect from sunlight. Store in a well-ventilated place.
P405+P403 Protect from sunlight. Store in a well-ventilated place.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· Classification system:
  · NFPA ratings (scale 0 - 4)
    Health = 0
    Fire = 4
    Reactivity = 3

· HMIS-ratings (scale 0 - 4)
  HEALTH  Health = *0
  FIRE     Fire = 4
  REACTIVITY  Reactivity = 3

· Other hazards
  · Results of PBT and vPvB assessment
    · PBT: Not applicable.
    · vPvB: Not applicable.

3 Composition/Information on ingredients

· Chemical characterization: Mixtures
· Description:
  Mixture: consisting of the following components.
  Weight percentages

· Dangerous components:
  64742-89-8 Solvent naphtha (petroleum), light aliph. 70-100%
  68476-86-8 Petroleum gases, liquefied, sweetened 13-30%

4 First-aid measures

· Description of first aid measures
  · After inhalation: Supply fresh air; consult doctor in case of complaints.
  · After skin contact: Generally the product does not irritate the skin.
· After eye contact: Rinse opened eye for several minutes under running water.
· After swallowing: If symptoms persist consult doctor.
· Information for doctor:
· Most important symptoms and effects, both acute and delayed No further relevant information available.
· Indication of any immediate medical attention and special treatment needed
  No further relevant information available.

*5 Fire-fighting measures*

· Extinguishing media
  · Suitable extinguishing agents:
    CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
· Special hazards arising from the substance or mixture No further relevant information available.
· Advice for firefighters
  · Protective equipment: No special measures required.

*6 Accidental release measures*

· Personal precautions, protective equipment and emergency procedures
  Wear protective equipment. Keep unprotected persons away.
· Environmental precautions: No special measures required.
· Methods and material for containment and cleaning up:
  Dispose contaminated material as waste according to item 13. Ensure adequate ventilation.
· Reference to other sections
  See Section 7 for information on safe handling.
  See Section 8 for information on personal protection equipment.
  See Section 13 for disposal information.
· Protective Action Criteria for Chemicals

  · PAC-1:
    None of the ingredients is listed.
  · PAC-2:
    None of the ingredients is listed.
  · PAC-3:
    None of the ingredients is listed.

*7 Handling and storage*

· Handling:
  · Precautions for safe handling
    No special measures required.
    Ensure good ventilation/exhaustion at the workplace.
· Information about protection against explosions and fires:
  Do not spray on a naked flame or any incandescent material.
  Keep ignition sources away - Do not smoke.
  Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.


8 Exposure controls/personal protection

- Additional information about design of technical systems: No further data; see item 7.
- Control parameters
- Components with limit values that require monitoring at the workplace:
  The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- Additional information: The lists that were valid during the creation were used as basis.
- Exposure controls
- Personal protective equipment:
  General protective and hygienic measures:
  Keep away from foodstuffs, beverages and feed.
  Wash hands before breaks and at the end of work.
  Store protective clothing separately.
  Breathing equipment:
  In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
  Protection of hands:
  Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
  Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
- Material of gloves
  The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- Penetration time of glove material
  The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
- Eye protection:

Tightly sealed goggles
Trade name: 38353 Plastic/Leather Prep

### 9 Physical and chemical properties

<table>
<thead>
<tr>
<th>· Information on basic physical and chemical properties</th>
</tr>
</thead>
<tbody>
<tr>
<td>· General Information</td>
</tr>
<tr>
<td>· Appearance:</td>
</tr>
<tr>
<td>Form: Aerosol</td>
</tr>
<tr>
<td>Color: According to product specification</td>
</tr>
<tr>
<td>· Odor: Characteristic</td>
</tr>
<tr>
<td>· Odor threshold: Not determined.</td>
</tr>
<tr>
<td>· pH-value: Not determined.</td>
</tr>
<tr>
<td>· Change in condition</td>
</tr>
<tr>
<td>Melting point/Melting range: Undetermined.</td>
</tr>
<tr>
<td>Boiling point/Boiling range: Not applicable, as aerosol.</td>
</tr>
<tr>
<td>· Flash point: -103 °C</td>
</tr>
<tr>
<td>· Flammability (solid, gaseous): Not applicable.</td>
</tr>
<tr>
<td>· Ignition temperature: 265 °C</td>
</tr>
<tr>
<td>· Decomposition temperature: Not determined.</td>
</tr>
<tr>
<td>· Auto igniting: Product is not selfigniting.</td>
</tr>
<tr>
<td>· Danger of explosion: In use, may form flammable/explosive vapour-air mixture.</td>
</tr>
<tr>
<td>· Explosion limits:</td>
</tr>
<tr>
<td>Lower: 1.9 Vol %</td>
</tr>
<tr>
<td>Upper: 9.5 Vol %</td>
</tr>
<tr>
<td>· Vapor pressure at 20 °C: 14 hPa</td>
</tr>
<tr>
<td>· Density at 20 °C: 0.68909 g/cm³</td>
</tr>
<tr>
<td>· Relative density Not determined.</td>
</tr>
<tr>
<td>· Vapor density Not determined.</td>
</tr>
<tr>
<td>· Evaporation rate Not applicable.</td>
</tr>
<tr>
<td>· Solubility in / Miscibility with Water: Not miscible or difficult to mix.</td>
</tr>
<tr>
<td>· Partition coefficient (n-octanol/water): Not determined.</td>
</tr>
<tr>
<td>· Viscosity:</td>
</tr>
<tr>
<td>Dynamic: Not determined.</td>
</tr>
<tr>
<td>Kinematic: Not determined.</td>
</tr>
<tr>
<td>· Solvent content:</td>
</tr>
<tr>
<td>Organic solvents: 100.0 %</td>
</tr>
<tr>
<td>VOC content: 100.00 %</td>
</tr>
<tr>
<td>689.1 g/l / 5.75 lb/gl</td>
</tr>
<tr>
<td>· Solids content: 0.0 %</td>
</tr>
<tr>
<td>· Other information No further relevant information available.</td>
</tr>
</tbody>
</table>

### 10 Stability and reactivity

| · Reactivity: No further relevant information available. |
11 Toxicological information

- Information on toxicological effects
  - Acute toxicity:
  - Primary irritant effect:
    - on the skin: No irritant effect.
    - on the eye: No irritating effect.
  - Sensitization: No sensitizing effects known.
  - Additional toxicological information:
    The product shows the following dangers according to internally approved calculation methods for preparations:
    The product can cause inheritable damage.

- Carcinogenic categories
  - IARC (International Agency for Research on Cancer)
    None of the ingredients is listed.
  - NTP (National Toxicology Program)
    None of the ingredients is listed.
  - OSHA-Ca (Occupational Safety & Health Administration)
    None of the ingredients is listed.

12 Ecological information

- Toxicity
  - Aquatic toxicity: No further relevant information available.
  - Persistence and degradability: No further relevant information available.
  - Behavior in environmental systems:
    - Bioaccumulative potential: No further relevant information available.
    - Mobility in soil: No further relevant information available.
  - Additional ecological information:
    - General notes: Generally not hazardous for water
    - Results of PBT and vPvB assessment
      - PBT: Not applicable.
      - vPvB: Not applicable.
  - Other adverse effects: No further relevant information available.

13 Disposal considerations

- Waste treatment methods
- Recommendation:
  Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

(Contd. on page 7)
### 14 Transport information

<table>
<thead>
<tr>
<th><strong>UN-Number</strong></th>
<th>UN1950</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>DOT, ADR, IMDG, IATA</strong></td>
<td></td>
</tr>
<tr>
<td><strong>UN proper shipping name</strong></td>
<td></td>
</tr>
<tr>
<td>DOT</td>
<td>Aerosols, flammable</td>
</tr>
<tr>
<td>ADR</td>
<td>1950 Aerosols</td>
</tr>
<tr>
<td>IMDG</td>
<td>AEROSOLS</td>
</tr>
<tr>
<td>IATA</td>
<td>AEROSOLS, flammable</td>
</tr>
<tr>
<td><strong>Transport hazard class(es)</strong></td>
<td></td>
</tr>
<tr>
<td>DOT</td>
<td>2.1</td>
</tr>
<tr>
<td>Class</td>
<td>2.1</td>
</tr>
<tr>
<td>Label</td>
<td>2.1</td>
</tr>
<tr>
<td>ADR</td>
<td>2.1</td>
</tr>
<tr>
<td>Class</td>
<td>5F Gases</td>
</tr>
<tr>
<td>Label</td>
<td>2.1</td>
</tr>
<tr>
<td>IMDG, IATA</td>
<td>2.1</td>
</tr>
<tr>
<td>Class</td>
<td>2.1</td>
</tr>
<tr>
<td>Label</td>
<td>2.1</td>
</tr>
<tr>
<td>Packing group</td>
<td>Void</td>
</tr>
<tr>
<td>DOT, ADR, IMDG, IATA</td>
<td></td>
</tr>
<tr>
<td><strong>Environmental hazards:</strong></td>
<td></td>
</tr>
<tr>
<td>Marine pollutant:</td>
<td>No</td>
</tr>
<tr>
<td><strong>Special precautions for user</strong></td>
<td></td>
</tr>
<tr>
<td>Warning: Gases</td>
<td>F-D,S-U</td>
</tr>
</tbody>
</table>
Trade name: 38353 Plastic/Leather Prep

- **Stowage Code**
  SW1 Protected from sources of heat.
  SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.

- **Segregation Code**
  SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.

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

- **Transport/Additional information:**
  - **DOT**
    - **Quantity limitations**
      On passenger aircraft/rail: 75 kg
      On cargo aircraft only: 150 kg
  - **ADR**
    - **Excepted quantities (EQ)**
      Code: E0
      Not permitted as Excepted Quantity
  - **IMDG**
    - **Limited quantities (LQ)**
      1L
    - **Excepted quantities (EQ)**
      Code: E0
      Not permitted as Excepted Quantity
  - **UN "Model Regulation":**
    UN 1950 AEROSOLS, 2.1

**15 Regulatory information**

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
  - **Sara**
    - **Section 355 (extremely hazardous substances):**
      None of the ingredient is listed.
    - **Section 313 (Specific toxic chemical listings):**
      None of the ingredients is listed.
  - **TSCA (Toxic Substances Control Act):**
    64742-89-8 Solvent naphtha (petroleum), light aliph.
  - **TSCA new (21st Century Act) (Substances not listed)**
    68476-86-8 Petroleum gases, liquefied, sweetened
  - **Proposition 65**
    - **Chemicals known to cause cancer:**
      None of the ingredients is listed.
    - **Chemicals known to cause reproductive toxicity for females:**
      None of the ingredients is listed.
Trade name: 38353 Plastic/Leather Prep

- Chemicals known to cause reproductive toxicity for males:
  None of the ingredients is listed.

- Chemicals known to cause developmental toxicity:
  None of the ingredients is listed.

- Cancerogentiy categories
  - EPA (Environmental Protection Agency)
    None of the ingredients is listed.
  - TLV (Threshold Limit Value established by ACGIH)
    None of the ingredients is listed.
  - NIOSH-Ca (National Institute for Occupational Safety and Health)
    None of the ingredients is listed.

- GHS label elements
  The product is classified and labeled according to the Globally Harmonized System (GHS).

- Hazard pictograms

  GHS02  GHS04  GHS08

- Signal word Danger

- Hazard-determining components of labeling:
  Solvent naphtha (petroleum), light aliph.

- Hazard statements
  H222 Extremely flammable aerosol.
  H280 Contains gas under pressure; may explode if heated.
  H340 May cause genetic defects.
  H350 May cause cancer.
  H304 May be fatal if swallowed and enters airways.

- Precautionary statements
  P201 Obtain special instructions before use.
  P202 Do not handle until all safety precautions have been read and understood.
  P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
  P211 Do not spray on an open flame or other ignition source.
  P251 Pressurized container: Do not pierce or burn, even after use.
  P280 Wear protective gloves/protective clothing/eye protection/face protection.
  P301+P310 If swallowed: Immediately call a poison center/doctor.
  P331 Do NOT induce vomiting.
  P308+P313 IF exposed or concerned: Get medical advice/attention.
  P405 Store locked up.
  P410+P403 Protect from sunlight. Store in a well-ventilated place.
  P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
  P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

- National regulations:

- Additional classification according to Decree on Hazardous Materials:
  Carcinogenic hazardous material group III (dangerous).

- Information about limitation of use:
  Workers are not allowed to be exposed to the hazardous carcinogenic materials contained in this preparation. Exceptions can be made by the authorities in certain cases.
16 Other information

   This information is based on our present knowledge. However, this shall not constitute a guarantee for any
   specific product features and shall not establish a legally valid contractual relationship.

   · **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

   · **Department issuing SDS:** Environment protection department.
   · **Contact:** Rita Joiner (rjoiner@semproducts.com)
   · **Date of preparation / last revision** 03/14/2018 / 7
   · **Abbreviations and acronyms:**
     
     RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the
     International Transport of Dangerous Goods by Rail)
     
     ICAO: International Civil Aviation Organisation
     
     ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International
     Carriage of Dangerous Goods by Road)
     
     IMDG: International Maritime Code for Dangerous Goods
     
     DOT: US Department of Transportation
     
     IATA: International Air Transport Association
     
     ACGIH: American Conference of Governmental Industrial Hygienists
     
     EINECS: European Inventory of Existing Commercial Chemical Substances
     
     ELINCS: European List of Notified Chemical Substances
     
     CAS: Chemical Abstracts Service (division of the American Chemical Society)
     
     NFPA: National Fire Protection Association (USA)
     
     HMIS: Hazardous Materials Identification System (USA)
     
     VOC: Volatile Organic Compounds (USA, EU)
     
     PBT: Persistent, Bioaccumulative and Toxic
     
     vPvB: very Persistent and very Bioaccumulative
     
     NIOSH: National Institute for Occupational Safety
     
     OSHA: Occupational Safety & Health
     
     TLV: Threshold Limit Value
     
     PEL: Permissible Exposure Limit
     
     REL: Recommended Exposure Limit
     
     Flam. Aerosol 1: Aerosols – Category 1
     
     Press. Gas: Gases under pressure – Compressed gas
     
     Mut. 1B: Germ cell mutagenicity – Category 1B
     
     Carc. 1B: Carcinogenicity – Category 1B
     
     Asp. Tox. 1: Aspiration hazard – Category 1
     
   · * Data compared to the previous version altered.