SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier
- Trade name: Lightspeed Polish/Recovery Film
- Article number: FT-PF1, FT-PF3, FT-PF6

1.2 Relevant identified uses of the substance or mixture and uses advised against
- No further relevant information available.

1.3 Details of the supplier of the Safety Data Sheet
- Manufacturer/Supplier:
  The Siemon Company
  101 Siemon Company Drive
  Watertown, CT 06795
  Phone: 860-945-4200

1.4 Emergency telephone number:
- ChemTel Inc.
  (800)255-3924, +1 (813)248-0585

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture
- Classification according to Regulation (EC) No 1272/2008
  Classifications listed are applicable to the OSHA GHS Hazard Communication Standard (29CFR1910.1200).

! Skin Sens. 1 H317 May cause an allergic skin reaction.

Additional information:
- There are no other hazards not otherwise classified that have been identified.
- 0 % of the mixture consists of component(s) of unknown toxicity.

2.2 Label elements
- Labelling according to Regulation (EC) No 1272/2008
  The product is additionally classified and labelled according to the Globally Harmonized System within the United States (GHS).
  The product is classified and labelled according to the CLP regulation.
- Hazard pictograms

! GHS07

- Signal word Warning
- Hazard-determining components of labelling:
  2-ethylhexyl acrylate

(Cont'd. on page 2)
## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures
**Description:** Mixture of substances listed below with nonhazardous additions.

**Dangerous components:**

<table>
<thead>
<tr>
<th>CAS: 103-11-7</th>
<th>2-ethylhexyl acrylate</th>
<th>≤ 2.5%</th>
</tr>
</thead>
<tbody>
<tr>
<td>EINECS: 203-080-7</td>
<td>(\text{Skin irrit. 2, H315, Skin Sens. 1, H317, (G)TOT SE 3, H335})</td>
<td></td>
</tr>
<tr>
<td>Index number: 607-107-00-7</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CAS: 13463-67-7</th>
<th>titanium dioxide</th>
<th>≤ 2.5%</th>
</tr>
</thead>
<tbody>
<tr>
<td>EINECS: 236-675-5</td>
<td>substance with a Community workplace exposure limit</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CAS: 79-10-7</th>
<th>acrylic acid</th>
<th>&lt; 1%</th>
</tr>
</thead>
<tbody>
<tr>
<td>EINECS: 201-177-9</td>
<td>(\text{Flam. Liq. 3, H226, Skin Corr. 1A, H314, Aquatic Acute 1, H400, Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332})</td>
<td></td>
</tr>
<tr>
<td>Index number: 607-061-00-8</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Additional information:**
For the wording of the listed Hazard Statements refer to section 16.
Non-classification as a carcinogen is based on non-inhalable form of product. IARC listings for titanium dioxide note that substance must be respirable.

(Cont'd. on page 3)
SECTION 4: First aid measures

4.1 Description of first aid measures
- General information: Immediately remove any clothing soiled by the product.
- After inhalation:
  Unlikely route of exposure.
  Supply fresh air; consult doctor in case of complaints.
- After skin contact:
  Immediately wash with water and soap and rinse thoroughly.
  If skin irritation continues, consult a doctor.
- After eye contact:
  Remove contact lenses if worn.
  Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- After swallowing:
  Rinse out mouth and then drink plenty of water.
  Do not induce vomiting; call for medical help immediately.

4.2 Most important symptoms and effects, both acute and delayed
- Allergic reactions
- Slight irritant effect on skin and mucous membranes.
- Slight irritant effect on eyes.
- Gastric or intestinal disorders when ingested.
- Hazards May cause sensitisation by skin contact.

4.3 Indication of any immediate medical attention and special treatment needed
- Treat skin and mucous membrane with antihistamine and corticoid preparations.
- Contains 2-ethylhexyl acrylate. May produce an allergic reaction.

SECTION 5: Firefighting measures

5.1 Extinguishing media
- Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.
- For safety reasons unsuitable extinguishing agents: None.

5.2 Special hazards arising from the substance or mixture
- Formation of toxic gases is possible during heating or in case of fire.

5.3 Advice for firefighters
- Protective equipment:
  Wear self-contained respiratory protective device.
  Wear fully protective suit.
- Additional information No further relevant information available.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
- Wear protective equipment. Keep unprotected persons away.
- Ensure adequate ventilation

(Cont'd. on page 4)
Trade name: Lightspeed Polish/Recovery Film

6.2 Environmental precautions: Do not allow to enter sewers/surface or ground water.
6.3 Methods and material for containment and cleaning up:
Pick up mechanically.
Dispose contaminated material as waste according to section 13.
6.4 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.

SECTION 7: Handling and storage

7.1 Precautions for safe handling
Avoid breathing dust.
Any unavoidable deposit of dust must be regularly removed.
Use only in well ventilated areas.
Information about fire - and explosion protection: No special measures required.
7.2 Conditions for safe storage, including any incompatibilities
Storage:
Requirements to be met by storerooms and receptacles:
Avoid storage near extreme heat, ignition sources or open flame.
Information about storage in one common storage facility:
Store away from foodstuffs.
Store away from oxidising agents.
Further information about storage conditions:
Store in cool, dry conditions in well sealed receptacles.
Protect from heat and direct sunlight.
7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

Additional information about design of technical facilities: No further data; see section 7.
8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Substance</th>
<th>Limit Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>13463-67-7</td>
<td>titanium dioxide</td>
<td>Long-term value: 15* mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>*total dust</td>
</tr>
<tr>
<td></td>
<td>REL (USA)</td>
<td>See Pocket Guide App. A</td>
</tr>
<tr>
<td></td>
<td>TLV (USA)</td>
<td>Long-term value: 10 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>withdrawn from NIC</td>
</tr>
<tr>
<td></td>
<td>EL (Canada)</td>
<td>Long-term value: 10* 3** mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>*total dust;**respirable fraction; IARC 2B</td>
</tr>
<tr>
<td></td>
<td>EV (Canada)</td>
<td>Long-term value: 10 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>total dust</td>
</tr>
</tbody>
</table>
Trade name: Lightspeed Polish/Recovery Film

79-10-7 acrylic acid

<table>
<thead>
<tr>
<th>REL (USA)</th>
<th>Long-term value: 6 mg/m³, 2 ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Skin</td>
</tr>
<tr>
<td>TLV (USA)</td>
<td>Long-term value: 5.9 mg/m³, 2 ppm</td>
</tr>
<tr>
<td></td>
<td>Skin</td>
</tr>
<tr>
<td>EL (Canada)</td>
<td>Long-term value: 2 ppm</td>
</tr>
<tr>
<td>EV (Canada)</td>
<td>Long-term value: 2 ppm</td>
</tr>
</tbody>
</table>

• DNELs No further relevant information available.
• PNECs No further relevant information available.

**Additional information:**

The lists valid during the making were used as basis.
No further relevant information available.

• **8.2 Exposure controls**

• **Personal protective equipment:**

• **General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Do not inhale dust / smoke / mist.
Avoid contact with the eyes and skin.

• **Respiratory protection:**

Not required under normal conditions of use.
Use respiratory protection when grinding or cutting material.

• **Protection of hands:**

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

• **Eye protection:**

Safety glasses

• **Body protection:** Protective work clothing

• **Limitation and supervision of exposure into the environment**

No further relevant information available.

• **Risk management measures** See Section 7 for additional information.
SECTION 9: Physical and chemical properties

- 9.1 Information on basic physical and chemical properties
  - General Information
  - Appearance:
    Form: Solid
    Colour: Various colours
    Odour: Odourless
    Odour threshold: Not determined.
  - pH-value: Not applicable.
  - Change in condition
    Melting point/Melting range: Not Determined.
    Boiling point/Boiling range: Undetermined.
  - Flash point: Not applicable.
  - Flammability (solid, gaseous): Not determined.
  - Auto/Self-ignition temperature: Not determined.
  - Decomposition temperature: Not determined.
  - Self-igniting: Product is not self-igniting.
  - Danger of explosion: Product does not present an explosion hazard.
  - Explosion limits:
    Lower: Not determined.
    Upper: Not determined.
  - Vapour pressure: Not applicable.
  - Density: Not determined.
  - Relative density: Not determined.
  - Vapour density: Not applicable.
  - Evaporation rate: Not applicable.
  - Solubility in / Miscibility with water: Insoluble.
  - Partition coefficient (n-octanol/water): Not determined.
  - Viscosity:
    Dynamic: Not applicable.
    Kinematic: Not applicable.
- 9.2 Other information No further relevant information available.

SECTION 10: Stability and reactivity

- 10.1 Reactivity No further relevant information available.
**SECTION 11: Toxicological information**

- **11.1 Information on toxicological effects**
  - Acute toxicity
  - LD/LC50 values relevant for classification: None.
  - Primary irritant effect:
    - Skin corrosion/irritation Based on available data, the classification criteria are not met.
  - **Serious eye damage/irritation**
    - Based on available data, the classification criteria are not met.
  - **Respiratory or skin sensitisation**
    - May cause an allergic skin reaction.
  - **Additional toxicological information:** Toxic and/or corrosive effects may be delayed up to 24 hours.
  - **Repeated dose toxicity:** Repeated exposure may result in skin sensitivity.
  - **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):**
    - Germ cell mutagenicity
      - Based on available data, the classification criteria are not met.
    - Carcinogenicity
      - Based on available data, the classification criteria are not met.
  - **Reproductive toxicity**
    - Based on available data, the classification criteria are not met.
  - **STOT-single exposure**
    - Based on available data, the classification criteria are not met.
  - **STOT-repeated exposure**
    - Based on available data, the classification criteria are not met.
  - **Aspiration hazard**
    - Based on available data, the classification criteria are not met.

**SECTION 12: Ecological information**

- **12.1 Toxicity**
  - **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability**
  - No further relevant information available.
- **12.3 Bioaccumulative potential**
  - No further relevant information available.
- **12.4 Mobility in soil**
  - No further relevant information available.

**Additional ecological information:**

- **General notes:**
  - Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
  - Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **12.5 Results of PBT and vPvB assessment**
  - **PBT:** Not applicable.
SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
  - **Recommendation**
  Can be burned with household garbage after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.
  Can be disposed of with household garbage after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.
  Contact waste processors for recycling information.
  - **Uncleaned packaging:**
  - **Recommendation:** Disposal must be made according to local official regulations.

SECTION 14: Transport information

- **14.1 UN-Number**
  - DOT, ADR, IMDG, IATA: Not Regulated
  - DOT, ADR, IMDG, IATA: Not Regulated
  - DOT, ADR, ADN, IMDG, IATA: Not Regulated
  - Class: Not Regulated
  - 14.4 Packing group
  - DOT, ADR, IMDG, IATA: Not Regulated
  - 14.5 Environmental hazards:
  - Marine pollutant: No
  - 14.6 Special precautions for user: Not applicable.
  - 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code: Not applicable.
  - UN "Model Regulation": Not Regulated

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
  - United States (USA)
  - **SARA**
  - Section 355 (extremely hazardous substances):
    None of the ingredients are listed.
  - Section 313 (Specific toxic chemical listings):
    None of the ingredients are listed.
Trade name: Lightspeed Polish/Recovery Film

TSCA (Toxic Substances Control Act):
All ingredients are listed.

Proposition 65 (California):
- Chemicals known to cause cancer:
  Reference to Titanium Dioxide is based on unbound respirable particles and is not generally applicable to product as supplied.
  - 13463-67-7 titanium dioxide
  - Cured Phenolic resin

- Chemicals known to cause reproductive toxicity for females:
  Present in trace quantities.
  - 108-88-3 toluene

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

- Chemicals known to cause developmental toxicity:
  Present in trace quantities.
  - 108-88-3 toluene

Carcinogenic Categories

EPA (Environmental Protection Agency)
None of the ingredients are listed.

IARC (International Agency for Research on Cancer)

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Substance</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>103-11-7</td>
<td>2-ethylhexyl acrylate</td>
<td>3</td>
</tr>
<tr>
<td>79-10-7</td>
<td>acrylic acid</td>
<td>3</td>
</tr>
<tr>
<td>13463-67-7</td>
<td>titanium dioxide</td>
<td>2B</td>
</tr>
</tbody>
</table>

TLV (Threshold Limit Value established by ACGIH)

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Substance</th>
<th>TLV Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>79-10-7</td>
<td>acrylic acid</td>
<td>A4</td>
</tr>
<tr>
<td>13463-67-7</td>
<td>titanium dioxide</td>
<td>A4</td>
</tr>
</tbody>
</table>

NIOSH-Ca (National Institute for Occupational Safety and Health)

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Substance</th>
</tr>
</thead>
<tbody>
<tr>
<td>13463-67-7</td>
<td>titanium dioxide</td>
</tr>
</tbody>
</table>

Canada

- Canadian Domestic Substances List (DSL)
  All ingredients are listed.

- Canadian Ingredient Disclosure list (limit 0.1%)
  None of the ingredients are listed.

- Canadian Ingredient Disclosure list (limit 1%)
  - 103-11-7 2-ethylhexyl acrylate

Directive 2012/18/EU

- Named dangerous substances - ANNEX I
  None of the ingredients are listed.
### Safety Data Sheet

according to 1907/2006/EC (REACH), 1272/2008/EC (CLP), and OSHA

GHS

Printing date: 03.08.2015

Revision: 03.08.2015

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**Trade name:** Lightspeed Polish/Recovery Film

(Cont'd. from page 9)

- **Other regulations, limitations and prohibitive regulations**
  This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

<table>
<thead>
<tr>
<th>Substances of very high concern (SVHC) according to REACH, Article 57</th>
</tr>
</thead>
<tbody>
<tr>
<td>None of the ingredients are listed.</td>
</tr>
</tbody>
</table>

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

---

**SECTION 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.

- **Relevant phrases**
  H226 Flammable liquid and vapour.
  H302 Harmful if swallowed.
  H312 Harmful in contact with skin.
  H314 Causes severe skin burns and eye damage.
  H315 Causes skin irritation.
  H317 May cause an allergic skin reaction.
  H332 Harmful if inhaled.
  H335 May cause respiratory irritation.
  H400 Very toxic to aquatic life.

- **Abbreviations and acronyms:**
  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
  GHS: Globally Harmonised System of Classification and Labelling of Chemicals
  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)
  DNEL: Derived No-Effect Level (REACH)
  PNEC: Predicted No-Effect Concentration (REACH)
  LC50: Lethal concentration, 50 percent
  LD50: Lethal dose, 50 percent
  PBT: Persistent, Bioaccumulative and Toxic
  SVHC: Substances of Very High Concern
  vPvB: very Persistent and very Bioaccumulative
  Flam. Liq. 3: Flammable liquids, Hazard Category 3
  Acute Tox. 4: Acute toxicity, Hazard Category 4
  Skin Corr. 1A: Skin corrosion/irritation, Hazard Category 1A
  Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2
  Skin Sens. 1: Sensitisation - Skin, Hazard Category 1
  STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3
  Aquatic Acute 1: Hazardous to the aquatic environment - AcuteHazard, Category 1

- **Sources**

(Cont'd. on page 11)
Trade name: Lightspeed Polish/Recovery Film

(Cont'd. from page 10)

Website, Chemical Abstracts Registry, Amhericon Chemical Society (https://www.cas.org)
Safety Data Sheets, Individual Manufacturers
SDS Prepared by:
ChemTel Inc.
1305 North Florida Avenue
Tampa, Florida USA 33602-2902
Toll Free North America 1-888-255-3924 Intl. +01 813-248-0573
Website: www.chemtelinc.com