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

- 1.1 Product identifier
  - Trade name: Lightspeed Polish Film
  - Article number: FT-PF12
- 1.2 Relevant identified uses of the substance or mixture and uses advised against
  - No further relevant information available.
- Application of the substance / the mixture
  - Product Component
- 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
    - The product is not classified as hazardous according to OSHA GHS regulations within the United States.
    - The product is not classified as hazardous according to the CLP regulation.
  - 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
    - This product does not have a classification according to the CLP regulation.
    - The product is not classified as hazardous according to OSHA GHS regulations within the United States.
  - Hazard pictograms
    - Not Regulated
  - Signal word
    - Not Regulated
  - Hazard-determining components of labelling: None.
  - Hazard statements
    - Not Regulated
  - Precautionary statements
    - Not Regulated
  - Additional information:
    - Safety data sheet available on request.
  - NFPA ratings (scale 0 - 4)
    - Health = 1
    - Fire = 1
    - Reactivity = 0

(Cont'd. on page 2)
Trade name: Lightspeed Polish Film

· HMIS-ratings (scale 0 - 4)
  HEALTH 1 Health = 1
  FIRE 1 Fire = 1
  REACTIVITY 0 Reactivity = 0

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

SECTION 3: Composition/information on ingredients

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

<table>
<thead>
<tr>
<th>Dangerous components:</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS: 409-21-2</td>
</tr>
<tr>
<td>EINECS: 206-991-8</td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>

· Additional information:
  For the listed ingredient(s), the identity and exact percentages are being withheld as a trade secret.

SECTION 4: First aid measures

· 4.1 Description of first aid measures
  · General information: No special measures required.
  · After inhalation:
    Unlikely route of exposure.
    Supply fresh air; consult doctor in case of complaints.
  · After skin contact:
    Clean with water and soap.
    If skin irritation is experienced, consult a doctor.
  · After eye contact:
    Rinse opened eye for several minutes under running water.
    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
  Slight irritant effect on skin and mucous membranes.
  Slight irritant effect on eyes.
  Gastric or intestinal disorders when ingested.
  · Hazards No further relevant information available.
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4.3 Indication of any immediate medical attention and special treatment needed
No further relevant information available.

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
For large spills, wear protective clothing.
For large spills, use respiratory protective device against the effects of fumes/dust/aerosol.
6.2 Environmental precautions: No special measures required.
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
Prevent formation of 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.
(Cont'd. on page 4)
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>409-21-2 silicon carbide</th>
</tr>
</thead>
</table>
| PEL (USA) | Long-term value: 15* 5** mg/m³  
  fibrous dust: *total dust **respirable fraction |
| REL (USA) | Long-term value: 10* 5** mg/m³  
  *total dust **respirable fraction |
| TLV (USA) | Long-term value: 10* 3** mg/m³  
  fibrous dust:0,1 f/cc; nonfibrous:*inh.,**resp. |
| EL (Canada) | Long-term value: 10* 3** mg/m³  
  *inhalable;**respirable |
| EV (Canada) | Long-term value: 10* 3** mg/m³; 0,1f/cc*** ppm  
  nonfibrous: *inh.,**resp.; ***fibrous, resp. |

- 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.
      Wash hands before breaks and at the end of work.
      Avoid contact with the eyes.
    - Respiratory protection:
      Not required under normal conditions of use.
      Use respiratory protection when grinding or cutting material.
    - Protection of hands:
      Gloves not required under normal conditions of use.
      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 through time has to be found out by the manufacturer of the protective gloves and has to be observed.
SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties
· General Information
· Appearance:
  · Form: Solid material
  · Colour: Green
  · 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.

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- 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.
- 10.2 Chemical stability
- 10.3 Possibility of hazardous reactions
  - Toxic fumes may be released if heated above the decomposition point.
  - Reacts with strong oxidising agents.
- 10.4 Conditions to avoid
  - Store away from oxidising agents.
  - Keep away from heat and direct sunlight.
- 10.5 Incompatible materials: No further relevant information available.
- 10.6 Hazardous decomposition products: Carbon monoxide and carbon dioxide

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: Slight irritant effect on skin and mucous membranes.
    - Serious eye damage/irritation: Slight irritant effect on eyes.
  - Respiratory or skin sensitisation: Based on available data, the classification criteria are not met.
  - Repeated dose toxicity: No further relevant information available.
  - 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.

(Cont'd. on page 7)
12.3 Bioaccumulative potential: No further relevant information available.
12.4 Mobility in soil: No further relevant information available.

Additional ecological information:
- General notes: Not known to be hazardous to water.
- 12.5 Results of PBT and vPvB assessment:
  - PBT: Not applicable.
  - vPvB: Not applicable.
- 12.6 Other adverse effects: No further relevant information available.

### SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
  - **Recommendation:** 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. 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. 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
- **14.2 UN proper shipping name**
- **DOT, ADR, IMDG, IATA** Not Regulated
- **14.3 Transport hazard class(es)**
- **DOT, ADR, ADN, IMDG, IATA**
  - 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

(Cont'd. on page 8)
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.
  - TSCA (Toxic Substances Control Act):
    Some ingredients listed.
    - Proposition 65 (California):
      - Chemicals known to cause cancer:
        None of the ingredients is listed.
      - Chemicals known to cause reproductive toxicity for females:
        None of the ingredients are listed.
      - Chemicals known to cause reproductive toxicity for males:
        None of the ingredients are listed.
      - Chemicals known to cause developmental toxicity:
        None of the ingredients are listed.
    - Carcinogenic Categories
      - EPA (Environmental Protection Agency)
        None of the ingredients are listed.
      - IARC (International Agency for Research on Cancer)
        None of the ingredients are listed.
    - TLV (Threshold Limit Value established by ACGIH)
      409-21-2 | silicon carbide | A2
    - NIOSH-Ca (National Institute for Occupational Safety and Health)
      None of the ingredients are listed.
  - Canada
    - Canadian Domestic Substances List (DSL)
      Some ingredients listed.
    - Canadian Ingredient Disclosure list (limit 0.1%)
      None of the ingredients are listed.
    - Canadian Ingredient Disclosure list (limit 1%)
      None of the ingredients are listed.
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- Directive 2012/18/EU
  - Named dangerous substances - ANNEX I
    None of the ingredients are listed.

- 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.

- Substances of very high concern (SVHC) according to REACH, Article 57
  None of the ingredients are listed.

- 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.

- 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

- Sources
  Website, European Chemicals Agency (http://echa.europa.eu/)
  Website, US EPA Substance Registry Services (http://ofmpub.epa.gov/sor internet/registry/substreg/home/overview/home.do)
  Website, Chemical Abstracts Registry, Ammericon 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