**MATERIAL SAFETY DATA SHEET**

**SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION**

**PRODUCT NAME:** Sheila Shine (Aerosol)

**GENERAL USE:** Polishing agent, Cleaner. Do not use on Floors and Bathubs. May pose slipping hazard.

**PRODUCT DESCRIPTION:** Aerosol container, clear liquid, wintergreen odor. **USA and Canada**

**MANUFACTURER’S NAME**
Sheila Shine, Inc.

**DATE PREPARED:** July 26, 2007

**SUPERSEDES:** May 22, 2007

**ADDRESS (NUMBER, STREET, P.O. BOX)**
1201 NW 1st Ave.

**CITY, STATE AND ZIP CODE**
Miami, FL 33136

**COUNTRY**
USA

**TELEPHONE NUMBER FOR INFORMATION**
(305) 379-1881

**EMERGENCY TELEPHONE NUMBER**
ChemTel Inc. 1- (800) 255-3924  Intl. + 01 (813) 248-0585

**DISTRIBUTOR’S NAME**
Same

**ADDRESS (NUMBER, STREET, P.O. BOX)**

**COUNTRY**

**TELEPHONE NUMBER FOR INFORMATION**

**SECTION 2 - HAZARDOUS INGREDIENTS**

**HAZARDOUS COMPONENTS**

<table>
<thead>
<tr>
<th>CAS #</th>
<th>(by weight)</th>
<th>OSHA PEL PPM</th>
<th>ACGIH TWA PPM</th>
<th>SARA TITLE III</th>
<th>ROQ LBS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Perchloroethylene (a,b,c,d,e,f,g)</td>
<td>127-18-4</td>
<td>10 -30</td>
<td>100</td>
<td>200</td>
<td>25</td>
</tr>
<tr>
<td>Severely solvent refined light paraffinic petroleum oil</td>
<td>64741-89-5</td>
<td>30 - 60</td>
<td>5 (oil mist)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Xylene (mixed) (a,c)</td>
<td>1330-20-7</td>
<td>7 - 13</td>
<td>100</td>
<td>435</td>
<td>100</td>
</tr>
<tr>
<td>Heavy paraffinic petroleum oil (h)</td>
<td>64741-88-4</td>
<td>10 - 30</td>
<td>5 (mist)</td>
<td>5 (mist)</td>
<td></td>
</tr>
<tr>
<td>Ethylbenzene (a,c,d)</td>
<td>100-41-4</td>
<td>1 - 5</td>
<td>100</td>
<td>435</td>
<td>125</td>
</tr>
<tr>
<td>Methyl salicylate</td>
<td>119-36-8</td>
<td>&lt; 0.1</td>
<td>not established</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Carbon dioxide (Propellant)</td>
<td>124-38-9</td>
<td>not specified</td>
<td>5000</td>
<td>9000</td>
<td>30000</td>
</tr>
</tbody>
</table>

**SECTION 3 - HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**

Aerosol container, contents under pressure. Do not store over 130° F (54.4° C), do not puncture, do not incinerate. Danger! May be fatal if liquid contents are swallowed, inhaled or absorbed through the skin. Affects liver, kidneys, central nervous system and gastrointestinal tract. Causes severe eye irritation. Causes irritation to skin and respiratory tract. Environmental hazard. Flammable, harmful. Hazard Symbols - Xn, N. Risk Phrases - R40, 51/53

**INHALATION:** Carbon dioxide gas may cause difficulty in breathing, lightheadedness or drowsiness. High concentrations are irritating to the respiratory tract; may cause headache, dizziness, nausea, vomiting or even death in confined or poorly ventilated areas. The primary effect of inhalation is narcosis.

**SKIN:** Brief contact may cause slight irritation; prolonged contact may cause moderate irritation or dermatitis. This problem may be accentuated by liquid becoming trapped against the skin by contaminated clothing and shoes. Direct spray on skin may cause frostbite.

**EYES:** High vapor concentration or contact may cause irritation, discomfort or pain. May cause slight transient corneal injury.

**INGESTION:** Swallowing of this material may result in irritation of the mouth and GI tract. Vomiting and subsequent aspiration into the lungs may lead to chemical pneumonia and pulmonary edema which is a potentially fatal condition.

**CARCINOGENICITY**

<table>
<thead>
<tr>
<th>NTP?</th>
<th>IARC MONOGRAPHS?</th>
<th>OSHA REGULATED?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
</tr>
</tbody>
</table>

This material contains a component (perchloroethylene) that has been reported to be carcinogenic based on its IARC, OSHA, ACGIH, NTP, or EPA classification. IARC Rating: 2A; NTP Rating: Clear evidence.
**SECTION 4 - FIRST AID MEASURES**

**INHALATION:** Remove affected person to fresh air; provide oxygen if breathing is difficult; if affected person is not breathing, administer CPR and seek emergency medical attention.

**SKIN:** Remove contaminated clothing; wash affected area with soap and water; launder contaminated clothing before reuse; if irritation persists, seek medical attention.

**EYES:** Check for and remove contact lenses. Flush eyes with clear running water for 15 minutes while holding eyelids open; if irritation persists, seek medical attention.

**INGESTION:** If conscious drink large amounts of water; DO NOT induce vomiting. Take affected person immediately to a hospital; do not give anything by mouth to unconscious person.

**PRODUCT NAME:** Sheila Shine (Aerosol)

**July 26, 2007**

**FLASH POINT (METHOD USED)**

<table>
<thead>
<tr>
<th>Flash Point</th>
<th>Method Used</th>
<th>LEL</th>
<th>UEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>127.4° F</td>
<td>(53° C)</td>
<td>Not determined</td>
<td>Not determined</td>
</tr>
</tbody>
</table>

**TOC (Liquid)**

**SECTION 5 - FIRE FIGHTING MEASURES**

**GENERAL HAZARDS:** Product is flammable and vapors concentrated in a confined or poorly ventilated area can be ignited upon contact with a high energy spark, flame or high intensity source of heat such as welding spark. Products of combustion include compounds of carbon, chlorine, hydrogen and oxygen, including carbon monoxide and phosgene. Toxic gases will form upon combustion.

**EXTINGUISHING MEDIA**

- Carbon dioxide, water fog, dry chemical, chemical foam. Do not use solid stream of water since stream will scatter and spread fire.

**FIRE FIGHTING PROCEDURES**

- Fire fighters should wear NIOSH / MSHA approved, self - contained breathing apparatus for possible exposure to hydrogen chloride and phosgene. Fine water spray can be used to keep fire - exposed containers cool.

**UNUSUAL FIRE AND EXPLOSION HAZARDS**

- Vapors concentrated in a confined or poorly ventilated area can be ignited upon contact with a high energy spark, flame or high intensity source of heat such as welding spark.

**HAZARDOUS COMBUSTION PRODUCTS**

- In case of a fire, phosgene, chlorides, oxides of carbon, hydrocarbons, fumes or vapors, and toxic smoke may be produced.

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** CAUTION - FLAMMABLE. Evacuate and ventilate area; confine and absorb into absorbent; place material into approved containers for disposal; for spills in excess of allowable quantities (RQ) notify the National Response Center (800) 424 - 8802; refer to CERCLA 40 CFR 302 and SARA Title III, Section 313 40 CFR 372 for detailed instructions concerning reporting requirements. Do not discharge into lakes, ponds, streams or public waters.

**SECTION 7 - HANDLING AND STORAGE**

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Protect containers from abuse; protect from extreme temperatures. CAUTION - FLAMMABLE - keep away from all sources of ignition. "Empty" containers may contain residue which may form explosive vapors. Do not puncture container. Do not attempt to refill container. Maintain well ventilated work areas to minimize exposure when handling this material. Do not use on Floors. May pose slipping hazard.

**ENGINEERING CONTROLS**

- The use of local exhaust ventilation is recommended to control emissions near the source. Provide mechanical ventilation of confined spaces. Use explosion-proof ventilation equipment.

**PERSONAL PROTECTION**

- **RESPIRATORY PROTECTION:** None required while threshold limits are kept below maximum allowable concentrations; if TWA exceeds limits, NIOSH approved respirator must be worn. Refer to 29 CFR 1910.134 or European Standard EN 149 for complete regulations. DO NOT enter low - lying areas without self - contained breathing apparatus where vapors may be present. Inhalation could be fatal.

- **PROTECTIVE GLOVES:** Neoprene, butyl or nitrile rubber gloves with cuffs.

- **EYE PROTECTION:** Chemical splash goggles. Refer to 29 CFR 1910.133 or European Standard EN166.

- **OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Safety eyewash station nearby.

**WORK / HYGIENIC PRACTICES:** Practice safe workplace habits. Minimize body contact with this, as well as all chemicals in general.
SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

VAPOR PRESSURE
(Liquid) 10 mm Hg @ 20° C (Propellant) 838 psig @ 21.1° C

VAPOR DENSITY (AIR = 1)
> 1

SPECIFIC GRAVITY (WATER = 1)
0.960 (Liquid)

EVAPORATION RATE (n-Butyl Acetate = 1)
< 1

SOLUBILITY IN WATER
Negligible

FREEZING POINT
Not determined

pH
Not applicable

APPEARANCE AND ODOR
Aerosol container, clear liquid, wintergreen odor.

BOILING POINT
230° F (110° C) (Liquid)

PHYSICAL STATE
Liquid

VISCOSITY
Like that of water

VOLATILE ORGANIC COMPOUNDS (Total VOC's)
8.03 pounds / gallon (957 grams / liter)

SECTION 10 - STABILITY AND REACTIVITY

STABILITY
UNSTABLE: x

CONDITIONS TO AVOID: Extreme temperatures, open flames.

STABLE: x

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers, strong acids.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Decomposition will not occur if handled and stored properly. In case of a fire, oxides of carbon, hydrocarbons, fumes or vapors, and smoke may be produced.

HAZARDOUS POLYMERIZATION MAY OCCUR: x

CONDITIONS TO AVOID: None

WILL NOT OCCUR: x

SECTION 11 - TOXICOLOGICAL INFORMATION

Hazardous Ingredients | CAS # | EINECS # | LD50 of Ingredient (Specify Species and Route) | LC50 of Ingredient (Specify Species) |
--- | --- | --- | --- | --- |
Perchloroethylene (a,b,c,d,e,f,g) | 127-18-4 | 204-825-9 | 2629 mg / kg Oral - rat | 34,200 mg / m3 Inhalation - rat |
Severely solvent refined light paraffinic petroleum oil | 64741-89-5 | 265-091-3 | > 5 gm / kg Oral - rat | Not established |
Xylene (mixed) (a,b,c) | 1330-20-7 | 215-535-7 | 4300 mg / kg Oral - rat | 5000 ppm / 4H Inhalation - rat |
Heavy paraffinic petroleum oil (h) | 64741-88-4 | 265-090-8 | > 5000 mg / kg Oral - rat | > 3.9 mg / liter Inhalation - rat |
Ethylbenzene (a,c,d) | 100-41-4 | 202-849-4 | 3500 mg / kg Oral - rat | 4000 ppm/4H(LCLo) Inhalation - rat |
Methyl salicylate | 119-36-8 | 204-317-7 | 887 mg / kg Oral - rat | Not established |
Carbon dioxide (Propellant) | 124-38-9 | 204-696-9 | Information not found | Information not found |

SECTION 12 - ECOLOGICAL INFORMATION

No data are available on the adverse effects of this material on the environment. Neither COD nor BOD data are available. Based on the chemical composition of this product it is assumed that the mixture can be treated in an acclimatized biological waste treatment plant system in limited quantities. However, such treatment should be evaluated and approved for each specific biological system. One of the ingredients in this mixture (perchloroethylene) is classified as a Marine Pollutant.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of in accordance with local, state, and federal regulations. This product may produce hazardous vapors in a closed disposal container creating a dangerous environment. Refer to 40 CFR 260 - 299 for complete waste disposal regulations. Consult your local, state, or federal agency before disposing of any chemicals. Do not flush to sanitary sewer or waterway.

SECTION 14 - TRANSPORT INFORMATION

PROPER SHIPPING NAME: Consumer Commodity (aerosol containers only)

DOT HAZARD CLASS / Pack Group: ORM - D / None
REFERENCE: 49 CFR 173.306
UN / NA IDENTIFICATION NUMBER: None
LABEL: CONSUMER COMMODITY
HAZARD SYMBOLS: None

IATA HAZARD CLASS / Pack Group: See Note below
IMDG HAZARD CLASS: See Note below
RID/ADR Dangerous Goods Code: See Note below
UN TDG Class / Pack Group: See Note below
Hazard Identification Number (HIN): None

Note: Transportation information provided is for reference only. Customer is urged to consult 49 CFR 100 - 177, IMDG, IATA, EC, United Nations TDG, and WHMIS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.
**MATERIAL SAFETY DATA SHEET**

**PRODUCT NAME:** Sheila Shine (Aerosol)

July 26, 2007

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**SECTION 15 - REGULATORY INFORMATION**

**TSCA (Toxic Substance Control Act)**
All components of this product are listed on the U.S. Toxic Substances Control Act Chemical Inventory (TSCA Inventory) or are exempted from listing because a Low Volume Exemption has been granted in accordance with 40 CFR 723.50.

**SARA TITLE III (Superfund Amendments and Reauthorization Act)**
311/312 Hazard Categories
Immediate health, fire hazard, sudden release of pressure.

313 Reportable Ingredients:
(a) Indicates a toxic chemical subject to annual reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

**CERCLA (Comprehensive Response Compensation and Liability Act)**
(c) The Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) has notification requirements for releases or spills to the environment of the Reportable Quantity (RQ for this mixture = 400 lbs) or greater amounts, according to 40 CFR 302.

**California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986**
There is a reportable chemical present (perchloroethylene) known to the state of California to cause cancer or reproductive toxicity.

**CPR (Canadian Controlled Products Regulations)**
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations. WHMIS Classification: A, B3, D1B, D2A, D2B

**IDL (Canadian Ingredient Disclosure List)**
Components of this product identified by CAS number and listed on the Canadian Ingredient Disclosure List are shown in Section 2.

**DSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List)**
Components of this product identified by CAS number are listed on the DSL or NDSL, or are otherwise in compliance with the New Substances Notification (NSN) regulations. Only ingredients classified as "hazardous" are listed in Section 2 unless otherwise indicated.

**EINECS (European Inventory of Existing Commercial Chemical Substances)**
Components of this product identified by CAS numbers are on the European Inventory of Existing Commercial Chemical Substances.

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**SECTION 16 - OTHER INFORMATION**

Specific toxicity tests have not been conducted on this product. Our hazard evaluation is based on Information from similar products, the ingredients, technical literature, and/or professional experience.

**HMIS HAZARD RATINGS**

<table>
<thead>
<tr>
<th>HMIS</th>
<th>HEALTH</th>
<th>FLAMMABILITY</th>
<th>PHYSICAL HAZARD</th>
<th>PERSONAL PROTECTIVE EQUIPMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2</td>
<td>3</td>
<td>0</td>
<td>B</td>
</tr>
<tr>
<td></td>
<td>2 MODERATE</td>
<td>3 HIGH</td>
<td>4 EXTREME</td>
<td>Safety Glasses, Gloves</td>
</tr>
</tbody>
</table>

**EC Risk Phrases**
- R40  Limited evidence of a carcinogenic effect.
- R51/53  Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**SYMBOL(S) REQUIRED FOR LABEL**
- Harmful
- Environment
- Hazard

**EC Safety Phrases**
- S2  Keep out of the reach of children.
- S23  Do not breathe vapour.
- S36/37  Wear suitable protective clothing and gloves.
- S61  Avoid release to the environment. Refer to special instructions / safety data sheets.

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**REVISION SUMMARY:**
This MSDS has been revised in the following sections:
No changes noted

**MSDS Prepared by:**
Comprehensive Data Base, Inc.
P.O. Box 395
Intercession City, FL 33848 USA
(863) 644 - 3298  www.compdatabase.com or www.msds.cc

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.