Section 1: Chemical Product/Company Identification

Product Name
Stainless Steel
440-00409  SST-S5001
440-00425  SST-S5002

Product codes/Identification number
RTECS: (stainless steel) NO7400000
EC EINECS/ELINCS: (stainless steel) N/A

Product Use
Supersonic Spray Technology

Suppliers Name
CenterLine (Windsor) Limited

Street Address
655 Morton Dr.

City
Windsor

Province
ON

Postal Code
N9J 3T8

Emergency number
None in place.

Date MSDS Prepared
May 16, 2011

Phone number
(519) 734-8464

Section 2: Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS Number</th>
<th>LD50 (species and entry route)</th>
<th>LC50 (species)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Iron, 60-70% wt.</td>
<td>7439-89-6</td>
<td>ND</td>
<td>ND</td>
</tr>
<tr>
<td>Chromium, 10-20% wt.</td>
<td>7440-47-3</td>
<td>ND</td>
<td>ND</td>
</tr>
<tr>
<td>Nickel, 1-20% wt.</td>
<td>7440-02-0</td>
<td>ND</td>
<td>ND</td>
</tr>
<tr>
<td>Manganese, 0-10% wt.</td>
<td>7439-96-5</td>
<td>ND</td>
<td>ND</td>
</tr>
<tr>
<td>Molybdenum, 0-10% wt.</td>
<td>7439-98-7</td>
<td>ND</td>
<td>ND</td>
</tr>
<tr>
<td>Silicon, 0.5-1% wt.</td>
<td>7440-21-3</td>
<td>ND</td>
<td>ND</td>
</tr>
</tbody>
</table>

Section 3: Hazards Identification

Limited evidence of a carcinogenic effect. May cause sensitization by skin contact.

Section 4: First Aid Measures

Skin Contact: Wash with soap and water.

Eye Contact: Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.

Inhalation: Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Seek medical attention if irritation or symptoms persist.

Ingestion: Rinse mouth thoroughly.

General Information: Not applicable.
Section 5: Fire Fighting Measures
Means of Extinction:
Use dry chemical, soda ash, lime or dry sand. DO NOT use water, foam, halons, carbon dioxide, or halogenated extinguishing agents.

Fire hazards:
Avoid formation of dust.

Protective equipment
Wear suitable respiratory equipment when necessary

Section 6: Accidental Release Measures
Personal precautions
Avoid raising dust. Evacuate personnel to a safe area. Wear suitable protective equipment.

Environmental precautions
Do not allow product to enter drains. Do not flush into surface water.
Do not let product contaminate subsoil. Prevent further spillage if safe.

Clean up methods
Avoid raising dust. Clean the area using a vacuum cleaner. Transfer to suitable, labeled containers for disposal.

Section 7: Handling and Storage
Handling Procedures and Equipment:
Use the material in a well ventilated area. Do not allow water, moist air or any other incompatibles to come into contact with the material. Try to avoid allowing the material to come into contact with workers routes of exposure/entry. Wash hands after handling the material, and remove and wash clothing before reuse. Use dust-tight containers that should remain closed when they are not in use. Have emergency equipment readily available. Do not eat, drink, or smoke in handling/storage areas.

Storage Requirements:
Store the material in a cool, dry, well-ventilated area, away from direct sunlight, water, sources of ignition, and incompatible substances. A waterproof storage area with no water services is recommended. Keep all containers tightly closed when they are not being used or are empty.

Section 8: Exposure Control/Personal Protection
Exposure Limits
ACGIH- TLV
(stainless steel): 10mg/m³ (TWA)
OSHA- PEL
(stainless steel): 5 mg/m³ (TWA)
NIOSH-REL
(stainless steel): ND

Specific Engineering Controls:
Provide showers, and NIOSH approved eye wash stations. System enclosure, ventilation (local exhaust), and explosion proof electrical equipment and lighting are recommended. Prevent as much dust build-up as possible. Try to ensure that there is no accumulation of electrostatic charges by grounding the equipment.

Personal Protective Equipment
Gloves: Wear protective gloves to prevent skin exposure.

Respiratory Protection: Suitable half mask respirator with filter P3 (EN 143)
Eye: Wear appropriate protective eyeglasses or chemical safety goggles.

Footwear: Wear boots.

Clothing: Wear coveralls or other appropriate protective clothing to prevent skin exposure.

Other: ND
Section 9: Physical/Chemical Properties

Stainless Steel

<table>
<thead>
<tr>
<th>Physical State</th>
<th>Odour and Appearance</th>
<th>Odour Threshold (ppm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solid, powder</td>
<td>Odourless, fine grey in colour</td>
<td>NA</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Specific Gravity</th>
<th>Vapour Density</th>
<th>Vapour Pressure (mmHg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7.5-9.3</td>
<td>ND</td>
<td>ND</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Evaporation Rate</th>
<th>Boiling Point (°C)</th>
<th>Freezing Point (°C)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ND</td>
<td>ND</td>
<td>ND</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PH</th>
<th>Coefficient of Water/Oil Distribution</th>
<th>Solubility in Water (optional)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ND</td>
<td>ND</td>
<td>Insoluble</td>
</tr>
</tbody>
</table>

Section 10: Stability and Reactivity

Chemical Stability:
Stable under normal shipping and handling conditions.

Unstable conditions to avoid:
Heat, sparks and open flames.
Strong acids and strong bases.

Incompatible Substances (avoid):
Acids, bases, water, halogens, oxidizing agents (eg. Dinitrogen tetroxide, bromates, chlorates, sodium peroxide), carbon dioxide, chlorinated hydrocarbons, halogenated hydrocarbons, sulfates, phosphorous, sulfur, some organic matter, nitrates, magnesium, chlorine trifluoride, fluorochloro-lubricants, nitrate-nitrite, silver chloride, sodium carbonate, antimony, carbon disulfide, arsenic, selenium, metal oxides, oxosalts or sulfides (eg. Copper or lead oxides, nitrates, sulfates), interhalogens, nitro compounds, non-metal alides (eg. Phosphorous pentoxide), carbon disulfide, nitrous oxide, phosgene, sulfur dioxide, diborane, alcohols, halocarbons, alkali hydroxides, ammonium nitrate, chromic anhydride, cadmium, hydrazine mononitrate, hydroxylamine, selenium, chlorinated rubber, catalytic metals, nitrobenzene, potassium nitrate, lead azide, ethylene oxide, oxygen difluoride, vinyl acetate.

Reactivity, and conditions causing reactivity:
The material should be kept away from any sources of ignition, moisture, or incompatible substances.

Hazardous Decomposition Products:
Toxic metal oxides and carbon and nitrogen oxides may be produced during a fire involving metal alloys.

Section 11: Toxicological Information

Repeated or prolonged exposure
Avoid prolonged or repeated exposure. May cause allergic reactions in susceptible people
May cause dermatitis Repeated or prolonged exposure may cause asthma and eczema.

Skin Sensitization:
Low potential

Carcinogenicity
IARC: NO
NTP: NO
OSHA: NO

Reproductive Toxicity:
ND

Respiratory Sensitization:
Potentially

Teratogenicity:
ND
Embryotoxicity: ND
Mutagenicity: ND

Name of Toxicologically Synergistic Products/Effects: ND

**Section 12: Ecological Information**
For ecological information pertaining to these chemicals, data can be obtained through such organizations as The Ministry of Environment, ESIS: European chemical Substances Information System, as well as the HSDB: Hazardous Substance Data Bank.

**Section 13: Disposal Considerations**
**Waste Disposal Methods:**
Any hazardous wastes should be shipped to a permitted waste disposal facility. Due to the fact that processing/use of the product could potentially alter its characteristics (and consequently its waste management classification), instructions on proper disposal processes should be identified through contact with appropriate environmental regulatory agencies.

**Section 14: Transportation Information**
**Special Shipping Information:**
The product is not classified as dangerous for carriage.

**Section 15: Regulatory Information**
IARC: Stainless steel is not listed in Group 1, 2A, 2B, 3 or 4 of the IARC carcinogenic lists.

NTP: Stainless steel is not listed in the 10th Report on Carcinogens for ‘Known Human Carcinogens’, or ‘Reasonably Anticipated to be Human Carcinogens’ lists.

OSHA: Stainless steel is not listed as carcinogens under OSHA.

DSL: Stainless steel is listed on the Domestic Substances List.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by CPR.
Section 16: Other Information

Acronyms:

ACGIH: American Conference of Governmental Industrial Hygienists
CAS: Chemical Abstract Service
CEHS: Center for Environmental Health & Safety
CFR: Code of Federal Regulations
DOT: Department of Transportation
DSL: Domestic Substances List
EINECS: European Inventory of Existing Commercial Substances
ELINCS: European List of Notified Chemical Substances
IARC: International Agency for Research on Cancer
IDLH: Immediately Dangerous to Life or Health
LC50: ‘Lethal Concentration’. Concentration of the chemical in the air required to kill 50% of a group of test animals.
LD50: ‘Lethal Dose’. The amount of material which results in the death of 50% of a group of test animals.
NA: Not applicable
ND: Not determined
NFPA: National Fire Protection Association
NTP: National Toxicology Program
OSHA: Occupational Health & Safety Administration
PEL: Permissible Exposure Limits
RTECS: Registry of Toxic Effects of Chemical Substances
TDG: Transportation of Dangerous Goods
TDUST: Total dust
TLV: Threshold Limit Values

Disclaimer: The information contained within this MSDS was obtained from sources we believe to be reliable. It is accurate to the best of our knowledge, but we in no way express or imply any type of warranty. It is the responsibility of the user to determine the applicability of the data presented, and to determine the safe handling and use of the product. Regulatory information changes from one location to the next making this the user’s responsibility as well. We are not liable for any loss, damage or other type of expense occurring due to the use, handling, storage or disposal of the product.