

# MATERIAL SAFETY DATA SHEET

COMPLIES WITH OSHA'S HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200)

## SECTION I - PRODUCT IDENTIFICATION

**Product Name:** SS-316 STAINLESS STEEL C  
**Product Number:** 97413  
**Product Type:** AEROSOL  
**Supplier's Name:** Superior Industries, Inc  
**Supplier's Address:** P.O. Box 8; Chattanooga, TN 37401  
**D.O.T. Hazard Class:** CONSUMER COMMODITY · ORM-D

**Formula:** Proprietary  
**Date Prepared:** 11/09/12  
**Emergency Phone:** (800) 476-20  
**Information Phone:** (423) 899-0467

**HMIS Rating** (Based on Aerosol Conc.):  
0-Minimal 1- Slight 2- Moderate  
3- Serious 4- Extreme  
**HEALTH:** 1 **FIRE:** 4 **REACTIVITY:** 3  
**Personal Protection:** B

## SECTION II - INGREDIENTS

CHEMICAL NAME	CAS #	%WT	313/Chem	Skin	Carcinogen	PEL	TWA/TLV
Acetone	67-64-1	20-40	NO	NO	NO	1000ppm	1000ppm
Toluol	10888-3	20-40	YES	NO	NO	100ppm	100ppm
Xylene (mix)	1330-20-7	05-10	NO	NO	NO	100ppm	100ppm
Ethyl Benzene	100-41-4	01-05	NO	NO	NO	100ppm	100ppm
Mineral Spirits	64742-47-8	01-05	NO	NO	NO	100ppm	100ppm
Propane	74-98-6	10-20	NO	NO	NO	1000ppm	1000ppm
n-Butane	106-97-8	10-20	NO	NO	NO	800ppm	800ppm

## SECTION III - PHYSICAL DATA

**Data Below Based On Aerosol Concentrate Only:**

Boiling Point: -47° F

pH: N/A

Solubility In Water: Negligible

Appearance/Odor: Silver Grey Liquid / Solvent

**Data Below Based On Total Contents:**

Vapor Pressure of can (psig @68°F): 6226 mm Hg

Total VOC %: ~ 58%

Solids Content: 16.3%

Vapor Density(Air=1): >1

Specific Gravity (H<sub>2</sub>O=1)@75°F: 0.77-0.90

## SECTION IV - FIRE AND EXPLOSION DATA

**Flash Point** (of Concentrate Only): -2°F

**Flammability** (as per USA Flame Projection Test): Extremely-Flammable Spray

**Extinguishing Media:** Foam, CO<sub>2</sub>, Dry Media

**Special Fire Fighting Procedures:** Wear self-contained breathing apparatus & protective clothing. Cool fire exposed containers to prevent rupturing.

**Unusual Fire and Explosion Hazards:** Exposure to temperature above 120° F may cause bursting.

## SECTION V - REACTIVITY DATA

**Stability:** Material Stable.

**Hazardous Polymerization:** Will not occur.

**Incompatibility:** Avoid contact with strong oxidizing agents,

**Hazardous Decomposition Products:** Carbon Dioxide, Carbon Monoxide

## SECTION VI - STORAGE AND HANDLING

**KEEP OUT OF REACH OF CHILDREN.**

For Industrial and Institutional use only.  
Store in a cool, dry area away from heat or open flame.  
Do not store at temperatures above 120° F.

**NFPA Code 30B Rating:** Level 3 Aerosol.

## SECTION VII - HEALTH AND FIRST AID

**PRIMARY ROUTES OF ENTRY & EFFECTS OF OVER EXPOSURE:**

**Eyes:** May cause slight irritation but does not injure eye tissue.

**Skin:** Frequent or prolonged contact may cause irritation.

**Inhalation:** Inhalation of mist can cause irritation of nasal and respiratory passages. Abusive or excessive inhalation may cause irritation to the upper respiratory tract, dizziness, nausea and other central nervous system effects.

**Ingestion:** Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis.

**FIRST AID PROCEDURES:**

**Eyes:** Flush with large amounts of cool running water for at least 15 minutes while holding upper and lower lids open. If irritation persists get medical attention immediately.

**Skin:** Wash with soap and water. If irritation persists seek medical attention.

**Inhalation:** Remove to fresh air. Seek medical attention immediately. If breathing stops give artificial respiration.

**Ingestion:** Do not induce vomiting. Seek medical attention immediately.

## SECTION VIII - SPECIAL PROTECTION DATA

**Respiratory Protection:** None needed for proper use in accordance with label directions. If ventilation is not adequate to reduce vapors below Threshold Limit Value (TLV) levels, use a NIOSH/MSHA approved air-purifying respirator equipped with an organic vapor cartridge.

**Ventilation:** Provide local exhaust to keep TLV of Section II ingredients below acceptable limits.

**Protective Gloves:** None needed for proper use in accordance with label directions. Use chemical resistant gloves if hand contact will be made.

**Eye Protection:** None needed unless it is anticipated that a splash or spray back will occur, then wear safety glasses or chemical proof goggles.

## SECTION IX - SPILL OR LEAK PROTECTION

**STEPS TO BE TAKEN IN CASE OF SPILL OR LEAK:** Allow propellant to evaporate. Maintain local exhaust and adequate ventilation. No smoking. Keep sparks, heat sources and open flame far away from spill or leak. Cover with absorbent material and sweep up. Wash area to prevent slipping. Dispose of soaked absorbent material in accordance with Federal, State and local laws.

**WASTE DISPOSAL METHOD:** Aerosol cans, when emptied and depressurized through normal use, pose no disposal hazard and should be recycled. Consult Federal, State and local authorities for approved procedures.

N/A= NOT APPLICABLE · N/E=NOT ESTABLISHED · N/D=NOT DETERMINED · <=LESS THAN · >=MORE THAN

**NOTICE:** The information contained on this Material Safety Data Sheet is considered accurate as of the date of publication. It is not necessarily all-inclusive nor fully adequate in every circumstance. The suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements. No warranty, express or implied, of merchantability, fitness, accuracy of data, or the results to be obtained from the use thereof is made. The vendor assumes no responsibility for injury or damages resulting from the inappropriate use of this product.

**MATERIAL SAFETY DATA SHEET**  
COMPLIES WITH OSHA'S HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200)

**SECTION I · PRODUCT IDENTIFICATION**

**Product Name:** SS-316 Stainless Steel Coating  
**Product Number:** 297405  
**Product Type:** Bulk Liquid  
**Formula:** Proprietary  
**Supplier's Name:** Superior Industries, Inc.  
**Supplier's Address:** P.O. Box 8, Chattanooga, TN 37401  
**DOT Ship Description:** Paint, 3, UN1263, PG II

**Date Prepared:** 11/09/12

**Information Phone:** (423) 899-0467  
**Emergency Phone:** (800) 476-2072

**HMIS Rating (Based on Aerosol Conc.):**

0-Minimal 1-Slight 2-Moderate  
3-Serious 4-Extreme

<b>HEALTH:</b>	2
<b>FLAMMABILITY:</b>	3
<b>PHYSICAL HAZARD:</b>	0
<b>Personal Protection:</b>	B

**SECTION II · INGREDIENTS**

<u>CHEMICAL NAME</u>	<u>CAS #</u>	<u>%WT</u>	<u>313/Chem</u>	<u>Skin</u>	<u>Carcinogen</u>	<u>PEL</u>	<u>TLV-TWA</u>
VM&P Naphtha	64742-89-8	20 - 30	NO	NO	NO	500 ppm	300 ppm
Acetone	67-64-1	10 - 20	NO	NO	NO	1000 ppm	500 ppm
Stainless Steel Flake	65997-19-5	10 - 20	NO	NO	NO	N/D	N/D
Xylene (mix)	1330-20-7	1 - 10	YES	NO	NO	100 ppm	100 ppm
Mineral Spirits	64742-47-8	1 - 10	NO	NO	NO	5 mg/m3	5 mg/m3

**SECTION III · PHYSICAL DATA**

**Boiling Point:** ~ 133° F  
**pH:** N/A  
**Appearance/Odor:** Silver Grey Liquid / Solvent  
**Total VOC %:** 34.8%  
**Solids Content:** 49.5%

**Specific Gravity (H2O=1)@70°F:** 1.06142  
**Solubility In Water:** Negligible  
**Vapor Density(Air=1):** >1  
**Vapor Pressure (@72°F):** N/D

**SECTION IV · FIRE AND EXPLOSION DATA**

**Flash Point:** ~ 0°F  
**Extinguishing Media:** Foam, CO2, Dry Media  
**Special Fire Fighting Procedures:** Wear self-contained breathing apparatus & protective clothing. Cool fire exposed containers to prevent rupturing.  
**Unusual Fire and Explosion Hazards:** Exposure to high temperatures in a fire situation may cause containers to rupture from gas generation. Flash back possible over considerable distance.

**SECTION V · REACTIVITY DATA**

**Stability:** Material Stable.  
**Incompatibility:** Avoid contact with strong oxidizing agents,  
**Hazardous Decomposition Products:** Carbon Dioxide and Carbon Monoxide.

**Hazardous Polymerization:** Will not Occur.

**SECTION VI · STORAGE AND HANDLING**

**KEEP OUT OF REACH OF CHILDREN.**  
For Industrial and Institutional use only.  
Store in a cool, dry area away from heat or open flame.  
Do not store at temperatures above 120° F.

**SECTION VII · HEALTH AND FIRST AID**

**PRIMARY ROUTES OF ENTRY & EFFECTS OF OVER EXPOSURE:**

**Eyes:** May cause irritation and redness.  
**Skin:** Frequent or prolonged contact may cause irritation.  
**Inhalation:** Inhalation of mist can cause irritation of nasal and respiratory passages. Abusive or excessive inhalation may cause irritation to the upper respiratory tract, dizziness, nausea and other central nervous system effects.  
**Ingestion:** Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis.

**FIRST AID PROCEDURES:**

**Eyes:** Flush with large amounts of cool running water for at least 15 minutes while holding upper and lower lids open. If irritation persists get medical attention immediately.  
**Skin:** Wash with soap and water. If irritation persists seek medical attention.  
**Inhalation:** Remove to fresh air. Seek medical attention immediately. If breathing stops give artificial respiration.  
**Ingestion:** Do not induce vomiting. Seek medical attention immediately.

**SECTION VIII · SPECIAL PROTECTION DATA**

**Respiratory Protection:** None needed for proper use in accordance with label directions.  
**Ventilation:** Provide local exhaust to keep air concentrations of ingredients listed in Section II below acceptable limits.  
**Protective Gloves:** Use chemical resistant gloves if hand contact will be made.  
**Eye Protection:** It is recommended to wear safety glasses or chemical proof goggles.

**SECTION IX · SPILL OR LEAK PROTECTION**

**STEPS TO BE TAKEN IN CASE OF SPILL OR LEAK:** Maintain local exhaust and adequate ventilation. No smoking. Keep sparks, heat sources and open flame far away from spill or leak. Cover with absorbent material and sweep up. Wash area to prevent slipping. Dispose of soaked absorbent material in accordance with Federal, State and local laws.

**WASTE DISPOSAL METHOD:** Consult Federal, State and local authorities for approved procedures.

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