

# SAFETY DATA SHEET

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**Product Identifier**

**Product Name** Silver Base

**Other means of identification**

**Product Code** 2.6.020  
**Synonyms** Silver Base

**Recommended use of the chemical and restrictions on use**

**Recommended Use:** Water-borne coatings; PC23 - Leather tanning dyes, finishing, impregnation and care products.

**Uses advised against** No information available

**Details of the supplier of the safety data sheet**

**Manufacturer Address**  
Leather Refinishing Technologies  
529 Caboose Drive  
Quakertown, PA 18951 USA

**Emergency Telephone Number**

**Company Phone Number** (215) 536-0625  
**Emergency Telephone Number** (267) 228-5682

## 2. HAZARDS IDENTIFICATION

**Classification**

**OSHA Regulatory Status**

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS).

**Label Elements**

**Emergency Overview**

**Hazard statements**

The product contains no substances which at their given concentration, are considered to be hazardous to health.

**Appearance** silver

**Physical State** Liquid

**Odor** Slight

**Hazards not otherwise classified (HNOC)**

Not applicable

**Other information**

• Mechanical irritation of the eyes is possible.

Unknown Acute Toxicity 0.0035% of the mixture consists of ingredient(s) of unknown toxicity

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Synonyms** Compact System.  
**Chemical characterization** Mixture.

**Chemical nature** Aqueous dispersion.

Ingredients not listed in this section are non-hazardous or proprietary.

#### 4. FIRST AID MEASURES

##### First aid measures

**Eye Contact** Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If eye irritation persists: Get medical advice/attention.

**Skin Contact** Wash off immediately with soap and plenty of water. Get medical attention if irritation develops and persists.

**Inhalation** Remove to fresh air. If not breathing, give artificial respiration. If symptoms persist, call a physician.

**Ingestion** Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. If sprayed in mouth, rinse mouth with water. If accidentally swallowed obtain immediate medical attention.

##### Most important symptoms and effects, both acute and delayed

**Symptoms** No information available.

##### Indication of any immediate medical attention and special treatment needed

**Notes to Physician** Treat symptomatically.

#### 5. FIRE-FIGHTING MEASURES

##### Suitable Extinguishing Media

Water spray. Carbon dioxide (CO<sub>2</sub>). Foam. Dry chemical.

**Unsuitable Extinguishing Media** None.

##### Specific hazards arising from the chemical

No information available.

**Hazardous combustion products** Carbon monoxide. Carbon dioxide (CO<sub>2</sub>). Nitrogen oxides (NO<sub>x</sub>).

##### Explosion data

**Sensitivity to Mechanical Impact** No.

**Sensitivity to Static Discharge** No.

##### Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

#### 6. ACCIDENTAL RELEASE MEASURES

##### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Ensure adequate ventilation.

##### Environmental precautions

**Environmental precautions** Prevent product from entering drains. Do not allow material to contaminate ground water system.

**Methods and material for containment and cleaning up**

**Methods for Containment** Contain spill with inert material (e.g. sand, silical gel, binder).

**Methods for cleaning up** Pick up and transfer to properly labelled containers.

**7. HANDLING AND STORAGE****Precautions for safe handling**

**Advice on safe handling** Avoid contact with skin, eyes and clothing. Ensure adequate ventilation. Stir before use.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep from freezing.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Control parameters**

**Exposure Guidelines** This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

**Appropriate engineering controls**

**Engineering Measures** Eyewash stations; Ensure adequate ventilation, especially in confined areas.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** Safety glasses with side-shields.

**Skin and body protection** Wear protective gloves and protective clothing. Long sleeved clothing.

**Respiratory protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES****Information on basic physical and chemical properties**

<b>Physical State</b>	Liquid	<b>Odor</b>	Slight
<b>Appearance</b>	opaque	<b>Odor threshold</b>	No information available
<b>Color</b>	off-white		
<b>pH</b>	8.4		
<b>Melting point/freezing point</b>	Not applicable		
<b>Boiling Point/Range</b>	100 °C / 212 °F		
<b>Flash Point</b>	Not applicable		
<b>Specific gravity</b>	1.01		
<b>Water solubility</b>	dispersible		
<b>Kinematic viscosity</b>	No information available		
<b>Dynamic viscosity</b>	100 cPs		
<b>Explosive properties</b>	No information available		
<b>Oxidizing properties</b>	No information available		

**Other information**

VOC Content(%) 1.5  
Density No information available

## 10. STABILITY AND REACTIVITY

### Reactivity

No data available

### Chemical stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

### Conditions to Avoid

Heat, flames and sparks. Do not freeze.

### Incompatible materials

### Hazardous Decomposition Products

None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

**Product Information** No acute toxicity information is available for this product

### **Component Information**

### Information on toxicological effects

**Symptoms** No information available.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

<b>Irritation</b>	Mechanical irritation of the eyes is possible.
<b>Sensitization</b>	No information available.
<b>Germ cell mutagenicity</b>	None known.
<b>Carcinogenicity</b>	No component of this product present at levels greater than or equal to 0.1% is listed with NTP, IARC or OSHA.
<b>Reproductive Effects</b>	None known.
<b>Developmental Toxicity</b>	None known.
<b>Teratogenicity</b>	None known.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Neurological Effects</b>	None known.
<b>Aspiration Hazard</b>	No information available.

### Numerical measures of toxicity - Product Information

**Unknown Acute Toxicity** 0.0035% of the mixture consists of ingredient(s) of unknown toxicity

The following values are calculated based on chapter 3.1 of the GHS document .

<b>ATEmix (oral)</b>	>5000 mg/kg
<b>ATEmix (dermal)</b>	>2000 mg/kg

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

26.5492% of the mixture consists of components(s) of unknown hazards to the aquatic environment

**Persistence and degradability**

No information available.

**Bioaccumulation**

No information available.

**Other adverse effects**

No information available

**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

**Waste Disposal Methods**

Can be disposed as waste water, when in compliance with local regulations. Should not be released into the environment.

**Contaminated packaging**

Empty containers should be taken for local recycling, recovery or waste disposal.

**14. TRANSPORT INFORMATION**

**DOT**

Not regulated

**TDG**

Not regulated

**ICAO/IATA**

Not regulated

**IMDG/IMO**

Not regulated

**15. REGULATORY INFORMATION**

**International Inventories**

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

Complies

**Legend:**

TSCA Section 8 (b): All components are listed on or exempt from TSCA inventory.

**U.S. Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**SARA 311/312 Hazardous**

**Categorization**

<b>Acute Health Hazard</b>	No
<b>Chronic Health Hazard</b>	No
<b>Fire Hazard</b>	No
<b>Sudden release of pressure hazard</b>	No
<b>Reactive Hazard</b>	No

**Clean Water Act**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This product does not contain any chemicals subject to reporting requirements (RQ) of CERCLA (40 CFR 302.4).

**U.S. State Regulations****California Proposition 65**

This product contains one or more substances listed on California Proposition 65.

**State Right-to-Know**

Triethylamine: Massachusetts; New Jersey; Pennsylvania.

<b>16. OTHER INFORMATION</b>
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**NFPA**

Health hazards 1

Flammability 0

Instability 0

**HMIS**

Health hazards 1

Flammability 0

Physical hazards 0

**Prepared By**

Regulations Manager

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06-Oct-2015

**Revision Note**

GHS-Classification; (M)SDS sections updated: 1 2 3 9 15 16.

**Disclaimer**

The information provided on this MSDS / SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**End of Safety Data Sheet**