



## MATERIAL SAFETY DATA SHEET

DO THE JOB RIGHT.

Product Name: **Low-VOC SSU | Silver Metallic Candeez Base**

Product Code: **51678ZPA**

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURED FOR:  
The Easthill Group  
dba The Eastwood Company  
263 Shoemaker Road  
Pottstown, PA 19464

EMERGENCY CONTACT:  
CHEM-TREC: 1-800-424-9300 OR 202-483-7616

HMIS CODE:  
Health: 3  
Flammability: 3  
Physical Hazard: 1  
Personal Protection: J

INFORMATION PHONE: 1-800-345-1178

### 2. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

Component/Exposure Limits	CAS#	% by Wt.	% by Vol.	(To Nearest 1.0%)
TERTIARY BUTYL ACETATE ACGIH TWA 200 PPM OSHA Z1 PEL TWA 200 PPM	540-88-5	27.9	32.0	
* XYLENE ACGIH TWA 100 PPM NIOSH REL TWA 100 PPM OSHA Z1 PEL TWA 100 PPM	1330-20-7	5.8	6.6	
DIACETONE ALCOHOL ACGIH TWA 50 PPM NIOSH REL TWA 50 PPM OSHA Z1 PEL TWA 50 PPM	123-42-2	5.6	5.8	
METHYL AMYL KETONE ACGIH TWA 50 PPM NIOSH REL TWA 100 PPM OSHA Z1 PEL TWA 100 PPM	110-43-0	5.3	6.5	
ACETONE ACGIH TWA 500 PPM NIOSH REL TWA 250 PPM OSHA Z1 PEL TWA 1000 PPM	67-64-1	4.3	5.5	
PARACHLOROBENZOTRIFLOURIDE Data Not Available	98-56-6	3.8	2.4	
DIMETHYL CARBONATE Data Not Available	616-38-6	3.7	3.4	

\* Indicates chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372

### 3. HAZARDS IDENTIFICATION

WARNING! Flammable liquid and vapors. Keep away from heat, sparks, flames, and other sources of ignition. Do not smoke, extinguish all flames and pilot lights. Turn off stoves, heaters, electrical motors, tools, appliances and any other possible sources of ignition prior to spray application, during use and until all vapors are exhausted from the area.

Vapor and spray mist harmful. May be harmful or fatal if swallowed. Exposure may cause lung damage, allergic reaction and respiratory reaction. May cause eye, skin, nose, throat and respiratory irritation. May affect the central nervous system causing dizziness, headache, or nausea.

Repeated and prolonged overexposure to solvents may lead to permanent brain and nervous system damage causing dizziness, headache, or nausea and may cause adverse liver and kidney effects. Intentional misuse by deliberately concentrating and inhaling this product may be harmful or fatal. Individuals with chronic respiratory problems or prior respiratory reactions to isocyanates should neither use this product nor be exposed to its vapors or spray mist.

IMPORTANT: This material is part of a multiple-component system, before mixing, read and follow the precautions for all components. The mixture will have the hazards of all components.

Exposure Routes: Inhalation, skin absorption, skin contact, eye contact, ingestion.

APPEARANCE: Silver liquid



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### **3. HAZARDS IDENTIFICATION Continued**

#### **Potential Health Effects**

EYE: Severely irritating to eyes. Do not get in eyes, wash thoroughly after handling.

SKIN: Harmful if absorbed through the skin, can cause skin irritation. Avoid prolonged and repeated contact with skin, wash thoroughly after handling.

INGESTION: Harmful or fatal if swallowed, aspiration hazard.

INHALATION: Irritating to respiratory system, may cause symptoms of central nervous system depression such as dizziness, drowsiness, weakness, fatigue, nausea, and headache. Avoid breathing dust, vapor or spray mist. Keep container closed. Use only with adequate ventilation.

Overexposure to this material may cause damage to the following organs: central nervous system, kidney and liver.

Aggravated Medical Conditions: Preexisting disorders of the following organs may be aggravated by exposure to this material: skin, respiratory, lung (asthma-like conditions), central nervous system, blood-forming system, kidney and liver.

### **4. FIRST AID MEASURES**

EYES: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes, check for and remove contact lenses. Seek immediate medical attention.

SKIN: Remove contaminated clothing. Flush exposed area with large amounts of water. If symptoms persist, seek medical attention. Wash clothing separately and clean shoes before reuse.

INGESTION: Seek immediate medical attention, contact physician or poison control center. Do not induce vomiting unless directed to do so by medical professional. Never give anything by mouth to an unconscious person.

INHALATION: Seek immediate medical attention. Remove from exposure to fresh air. If not breathing or if breathing is irregular, provide artificial respiration or oxygen by trained personnel; rescuers should put on appropriate protective gear.

NOTE TO PHYSICIANS: Inhalation of high concentrations of this material may be associated with cardiac arrhythmias. Sympathomimetic drugs may initiate cardiac arrhythmias in persons exposed to this material. This material is an aspiration hazard. Potential danger from aspiration must be weighed against possible oral toxicity when deciding whether to induce vomiting.

### **5. FIRE FIGHTING MEASURES**

FLAMMABLE PROPERTIES: FLASH POINT: -4° F Method: TCC

FLAMMABLE LIMITS: Lower flammable limit: .9 Upper flammable limit: 16

#### **HAZARDOUS COMBUSTION PRODUCTS:**

Highly flammable in the presence of the following materials or conditions: open flames, sparks and static discharge.

Flammable in the presence of the following materials or conditions: oxidizing materials.

Vapors are heavier than air and may spread along floors. Vapor may travel a considerable distance to source of ignition and flash back.

EXTINGUISHING MEDIA: Carbon Dioxide, Dry Chemical, Alcohol-resistant Foam

#### **FIRE FIGHTING INSTRUCTIONS:**

Flammable liquid and vapor. Vapors can travel to a source of ignition and flash back. Vapors/dust may cause flash fire or explosion. This material may be ignited by heat, sparks, flame or static electricity.

Empty containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition.



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### **5. FIRE FIGHTING MEASURES Continued**

Fight as volatile liquid fire. Closed containers may explode when exposed to extreme heat. Wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear. Eliminate all sources of ignition. Evacuate unnecessary personnel. Do not use water, material will float and may ignite on surface of water. Use water spray to cool containers or protect personnel. Use with caution, avoid spreading burning liquid. Water runoff can cause environmental damage. Dike and collect water used to fight fire.

### **6. ACCIDENTAL RELEASE MEASURES**

Immediately contact emergency personnel. Eliminate all ignition sources. Keep unnecessary personnel away. Use suitable protective equipment. Do not touch or walk through spilled material. If emergency personnel are unavailable, contain spilled material. For small spills, add absorbent (soil may be used in the absence of other suitable materials) and use a non-sparking or explosion-proof means to transfer material to a sealable, appropriate container for disposal. For large spills, dike spilled material, or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal. Dispose of according to Section 13. If necessary, report spill to applicable government agency.

### **7. HANDLING AND STORAGE**

#### **HANDLING:**

Use only in a well ventilated area, with appropriate personal protective equipment, (see section 8). Do not eat, drink or smoke when handling this material. Wash hands and face before eating, drinking or smoking. Do not breathe vapor, fumes or mist. Do not get in eyes, or on skin, or clothing.

Always open containers slowly to allow any excess pressure to vent. Containers should be grounded when pouring. Take precautionary measures against static discharge. When transferring, follow proper grounding procedures. Use spark-proof tools and explosion proof equipment.

This material is part of a multiple component system, read the Material Safety Data Sheet(s) for all components before mixing, as the mixture will have the hazards of all of its parts. Empty containers retain product residue and can be hazardous. Do not reuse container.

#### **STORAGE:**

Store in accordance with local regulations. Keep container closed when not in use. Isolate from heat, flame, sparks, pilot lights, smoking materials and other sources of ignition. Containers can build up pressure if exposed to heat (fire). Store containers in a cool, well ventilated, explosion proof area. Protect from direct sunlight. KEEP OUT OF REACH OF CHILDREN AND PETS AT ALL TIMES.

### **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

#### **ENGINEERING CONTROLS:**

Provide explosion proof exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits. Ensure that eyewash stations and safety showers are close to the workstation location.

#### **RESPIRATORY PROTECTION:**

Always wear an appropriate, properly fitted fresh-air supplied respirator, (NIOSH-approved TC-19C or equivalent), during and after application, until all organic vapors and spray mists are exhausted or any time airborne contaminate levels exceed exposure limits. Follow respirator manufacturer's directions and observe OSHA regulations for respirator use (29 cfr 1910.134).

#### **SKIN PROTECTION:**

Wear impervious gloves to prevent contact with the skin. Where contact is likely, wear chemical resistant gloves, a chemical suit, long sleeves, rubber boots, and chemical safety goggles plus a face shield.

#### **EYE PROTECTION:**

Use chemical splash goggles and face shield (ANSI Z87.1 or approved equivalent).



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### **9. PHYSICAL AND CHEMICAL PROPERTIES**

BOILING POINT: 90° C  
MELTING POINT: N/A  
VAPOR PRESSURE: N/A  
VAPOR DENSITY: Heavier than air  
DENSITY: 8.3 lb/gal (994.56 g/l)  
SOLUBILITY IN WATER: Slight  
SPECIFIC GRAVITY: 1.  
pH: N/A  
ODOR: Typical  
VOLATILE WEIGHT: 58.785  
VOLATILE VOLUME: 64.804  
EXEMPT V.O.C. WT %: 39.66  
EXEMPT V.O.C. VOL %: 43.2  
REGULATORY V.O.C. g/l: 334.46  
ACTUAL V.O.C. g/l: 189.96

### **10. STABILITY AND REACTIVITY**

#### CHEMICAL STABILITY (CONDITIONS TO AVOID):

The product is stable. Avoid heat, open flame, sparks, static electricity, freezing.

#### INCOMPATIBILITY:

Alkaline materials, strong acids and oxidizing materials.

#### HAZARDOUS DECOMPOSITION PRODUCTS:

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

#### HAZARDOUS POLYMERIZATION:

Under normal conditions of storage and use, hazardous polymerization will not occur.

### **11. TOXICOLOGICAL INFORMATION**

#### COMPONENTS:

TERTIARY BUTYL ACETATE  
LD50 Oral: 4,100mg/kg (Rat)  
LC50 Inhalation: >2,230 mg/m<sup>3</sup>, 4h (Rat)  
LD50 Dermal: >2 g/kg (Rabbit)  
  
DIMETHYL CARBONATE  
LD50 Oral: 12,900mg/kg (Rat)  
LD50 Dermal: >2,500 mg/kg (Rat)  
  
DIACETONE ALCOHOL  
LD50 Oral: 2,520 mg/kg (Rat)  
LC50 Inhalation: 1500 ppm, 4h (Rat)  
LD50 Dermal: 13,500 mg/kg (Rabbit)  
  
METHYL AMYL KETONE  
LC50 Inhalation: >16.7 mg/l, 4h (Rat)  
LD50 Dermal: >2,000 mg/kg (Rat)  
  
XYLENE  
LD50 Oral: 4,300 mg/kg (Rat)  
LC50 Inhalation: 1700 mg/l, 4h  
Ethyl Benzene (Component of Xylene):  
LD50 Oral: 3,500 mg/kg (Rat)  
LD50 Dermal: 15,433 mg/kg (Rabbit)



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### **11. TOXICOLOGICAL INFORMATION Continued**

#### ACETONE

LD50 Oral: 5,800 mg/kg (Rat)  
LC50 Inhalation: 16,000 mg/l,4h (Rat)  
LD50 Dermal: 7,426 mg/kg (Guinea pig)

#### PARACHLOROBENZOTRIFLOURIDE

LD50 Oral: >6.8 g/kg (Rat)  
LC50 Inhalation: 4479 ppm,4h (Rat)  
LD50 Dermal: >2.7 g/kg (Rabbit)

Carcinogen: XYLENE: The International Agency for Research on Cancer has evaluated ethylbenzene and classified it as a possible human carcinogen (Group 2B) based on sufficient evidence for carcinogenicity in experimental animals, but inadequate evidence for cancer in exposed humans.

### **12. ECOLOGICAL INFORMATION**

ECOTOXICOLOGICAL INFORMATION: No Data

### **13. DISPOSAL CONSIDERATIONS**

The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Empty containers should be disposed of through an approved waste management facility. Consult your local or regional authorities.

### **14. TRANSPORT INFORMATION**

(Not meant to be all inclusive)

DOT Information: 49CFR 172.101  
Proper Shipping Name: PAINT  
Hazard Class: 3, Flammable Liquid  
ID#: UN1263  
Packaging Group: II  
Exception: 173.15  
Special Provision: 173.102 (149)  
Consult your shipping specialist or transport agency for appropriate assignment of the DOT information.

### **15. REGULATORY INFORMATION**

(Not meant to be all inclusive - selected regulations represented)

#### **U.S. FEDERAL REGULATIONS:**

Toxic Substance Control Act (TSCA):

All components of this product are listed or are exempt from Listing on the TSCA Inventory.

#### **OSHA: OSHA Hazard Communication Standard 29 CFR 1910.1200**

A component(s) of this product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

#### **CERCLA RQ - 40 CFR302.4 (a)**

##### **List of Hazardous Substances and Reportable Quantities**

Component: ACETONE 67-64-1 RQ: 5,000 lbs.  
Component: TERTIARY BUTYL ACETATE 540-88-5 RQ: 5,000 lbs.  
Component: XYLENE 1330-20-7 RQ: 100 lbs.  
Xylene Component: ETHYL BENZENE 100-41-4 RQ: 1,000 lbs.

CERCLA SARA Section 311/312 Hazard Category - 40 CFR 370.2

This product is considered, under applicable definitions, to meet the following categories:

(X) Fire Hazard (X) Acute Health Hazard (X) Chronic Health Hazard



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### **15. REGULATORY INFORMATION**

(Not meant to be all inclusive - selected regulations represented)

#### **SARA 313 Components - 40 CFR 372.65**

This product contains the following substances subject to the reporting requirements of Section 313 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and 40 CFR 372:

\* Refer to Section 2, components identified with an asterisk, (\*), are subject to the reporting requirements of Section 313 of Title III and of 40 CFR 372.

#### **STATE REGULATIONS:**

##### **California Proposition 65:**

WARNING! This product contains a chemical component known in the State of California to cause cancer, birth defects or other reproductive harm.

##### **New Jersey RTK Label Information**

TERTIARY BUTYL ACETATE 540-88-5

DIMETHYL CARBONATE 616-38-6

DIACETONE ALCOHOL 123-42-2

METHYL AMYL KETONE 110-43-0

XYLENE 1330-20-7

XYLENE Components:

Ethylbenzene 100-41-4, Toluene 108-88-3, Benzene 71-43-2

ACETONE 67-64-1

PARACHLOROBENZOTRIFLUORIDE (PCBTF) 98-56-6

##### **Pennsylvania RTK Label Information**

TERTIARY BUTYL ACETATE 540-88-5

DIMETHYL CARBONATE 616-38-6

DIACETONE ALCOHOL 123-42-2

METHYL AMYL KETONE 110-43-0

XYLENE 1330-20-7

XYLENE Components:

Ethylbenzene 100-41-4, Toluene 108-88-3, Benzene 71-43-2

ACETONE 67-64-1

PARACHLOROBENZOTRIFLUORIDE (PCBTF) 98-56-6

### **16. OTHER INFORMATION**

**DISCLAIMER:** The information and recommendations set forth herein are presented in good faith and believed to be correct as of this date. The Eastwood Company makes no representation, warranty or guarantee as to the completeness or accuracy thereof. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

MSDS Preparation Date: 2/21/2014