

# MATERIAL SAFETY DATA SHEET

Product Code: 15058ZP (Gallon) 15084ZP (Quart)

Date Prepared: 12/10/2013

Product Name: Elastiwrap - Gray Metallic

Date Printed: 06/05/2014

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURED FOR:

The Easthill Group

dba The Eastwood Company

263 Shoemaker Road

Pottstown, PA 19464

USA: 1-800-345-1178 International: (610) 323-2200

EMERGENCY CONTACT: CHEM-TREC: 1-800-424-9300 International Collect: (202) 483-7616

HMIS CODE:

Health: 1

Flammability: 2

Physical Hazard: 3

Personal Protection: J

## 2. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

Component/Exposure Limits	CAS#	% by Wt.	% by Vol.	(To Nearest 1.00%)
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TERTIARY BUTYL ACETATE	540-88-5	28.3	27.4	
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ACGIH TWA 200 PPM

OSHA TWA 200 PPM

MINERAL SPIRITS	64742-88-7	20.8	22.2	
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ACGIH TWA 200mg/m3

OSHA TWA 500 PPM

VM&P NAPHTHA	64742-89-8	15.5	17.4	
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OSHA Z1 TWA 500 PPM

ACGIH TWA 300 PPM

## 3. HAZARDS IDENTIFICATION

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 should neither use this product nor be exposed to its vapors or spray mist.

**APPEARANCE:** Gray Metallic Liquid

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## **Potential Health Effects**

EYE: Irritating to eyes, may cause stinging,tearing and redness.

SKIN: Irritating to the skin.Harmful if absorbed through the skin. Avoid prolonged and repeated contact with skin,wash thoroughly after handling. Symptoms may include redness,burning,drying, cracking, and other skin damage.

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: kidney, liver and central nervous system.

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

## **4. FIRST AID MEASURES**

EYES: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes, while lifting upper and lower lids. 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.

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## **5. FIRE FIGHTING MEASURES**

### **FLAMMABLE PROPERTIES:**

FLASH POINT: 40° F Method: TCC

### **FLAMMABLE LIMITS:**

Lower flammable limit: 1 Upper flammable limit: 8

### **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:**

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.

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.

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## **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. Do not ingest.

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.

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. 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:** Personal protective equipment should be selected for specific applications. Users should consider factors which affect exposure potential such as handling practices, chemical concentrations and ventilation. 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. Follow respirator manufacturer's directions for respirator use.

**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: 185° F  
MELTING POINT: N/A  
VAPOR PRESSURE: N/A  
VAPOR DENSITY: Heavier than air  
DENSITY: 7.0 lb/gal (838.78 g/l)  
SOLUBILITY IN WATER: Slight  
SPECIFIC GRAVITY: .8  
pH: N/A  
ODOR: Typical  
VOLATILE WEIGHT: 64.729  
VOLATILE VOLUME: 67.059  
EXEMPT V.O.C. WT %: 28.27  
EXEMPT V.O.C. VOL %: 27.38  
REGULATORY V.O.C. g/l: 420.86  
ACTUAL V.O.C. g/l: 305.64

## 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: 4,500mg/kg (Rat)

LC50 Inhalation: 4211 ppm,6h (Rat)

LD50 Dermal: >2,000mg/kg (Rabbit)

MINERAL SPIRITS

LD50 Oral: >5,000 mg/kg (Rat)

LC50 Inhalation: >5500 ppm,4h (Rat)

LD50 Dermal: >3,000 mg/kg (Rabbit)

VM&P

LD50 Oral: >8,000 mg/kg (Rat)

LC50 Inhalation: 3400 ppm,4h (Rat)

LD50 Dermal: >4,000 mg/kg (Rat)

## 12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: No Data

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## **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 CFR 302.4 (a)**

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

Component: TERTIARY BUTYL ACETATE 540-88-5 RQ: 5,000 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

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

No chemical(s) subject to the reporting requirements of Section 313 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and 40 CFR 372 are present.

### **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.

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## New Jersey RTK Label Information

TERTIARY BUTYL ACETATE 540-88-5

ALIPHATIC HYDROCARBONS 64742-88-7

Solvent Naphtha (Petroleum), Light Aliphatic 64742-89-8

## Pennsylvania RTK Label Information

TERTIARY BUTYL ACETATE 540-88-5

ALIPHATIC HYDROCARBONS 64742-88-7

Solvent Naphtha (Petroleum), Light Aliphatic 64742-89-8

## 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.