



DO THE JOB RIGHT.

<b>DATE ISSUED:</b>	6/15/2020
<b>Version No.:</b>	23132-1

## SAFETY DATA SHEET

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Eastwood OPTIFLOW Urethane Primer Surfacer

PRODUCT CODE: 23132ZP

PRODUCT USE: FOR PROFESSIONAL USE ONLY

**MANUFACTURED FOR:**

The Easthill Group  
dba The Eastwood Company  
263 Shoemaker Road,  
Pottstown, PA 19464  
USA: 1-800-343-9353 or (610) 323-2200 CANADA: 1-800-820-9042

**24 HR. EMERGENCY TELEPHONE NUMBER:**

Only in the Event of a Chemical Emergency Involving A Spill, Leaks, Fire, or Exposure  
Call Chemtrec Toll Free Day or Night: 1-800-424-9300 International Call Collect: (202) 483-7616

### 2. HAZARDS IDENTIFICATION

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

**CLASSIFICATION:**

FLAMMABLE LIQUIDS: Category 2  
ACUTE TOXICITY: Inhalation - Category 4  
EYE IRRITATION: Category 2A  
REPRODUCTIVE TOXICITY: Category 1B  
SPECIFIC TARGET ORGAN TOXICITY:  
SINGLE EXPOSURE: Category 3 (Respiratory, Central Nervous System)

### GHS label elements

#### PICTOGRAMS



**SIGNAL WORD:** Danger

**HAZARD STATEMENTS:** Highly flammable liquid and vapor. Harmful if inhaled. Causes serious eye irritation. May cause respiratory irritation, drowsiness or dizziness. May damage fertility or the unborn child.

#### PRECAUTIONARY STATEMENTS:

**PREVENTION:** Read all warning statements on all labels for this and any other products to be mixed with it prior to use. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating, lighting, and other tools or equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing dust, fumes, gas, mist, vapors or spray. Wash skin thoroughly after handling. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Use personal protective equipment as required, (see Section 8). Wear protective gloves, protective clothing and eye/face protection. Wear an appropriate, properly fitted fresh air supplied respirator (NIOSH-approved TC19 or equivalent) during and after application, and until all organic solvent vapors and spray mists are exhausted, or any time airborne contaminant levels exceed exposure limits indicated in Section 8.

**RESPONSE:** IF SWALLOWED: Do NOT induce vomiting. Immediately call a POISON CENTER or physician. IF ON SKIN (or hair): Take off immediately all contaminated clothing and wash before reuse. Wash with plenty of soap and water. Rinse skin with water or shower. If skin irritation or rash occurs: Get medical attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Get immediate medical attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing, seek

immediate medical attention. If exposed or concerned: Get medical attention. Call a POISON CENTER, doctor or physician if you feel unwell.

If medical advice is needed, have product container/label and Safety Data Sheet at hand.

In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish, do not use water, (see Section 5).

**STORAGE:** Store in a well-ventilated place. Keep container tightly closed. Keep cool. Store locked up.

**DISPOSAL:** Dispose of contents and container with an approved waste disposal facility, in compliance with all local, regional, national and international regulations.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Range % by Wt
TERTIARY BUTYL ACETATE	540-88-5	30 – 40 %
ACRYLIC POLYOL	MIXTURE	15 – 20 %
MAGNESIUM SILICATE	14807-96-6	10 – 15 %
TITANIUM DIOXIDE	13463-67-7	5 – 10 %
PM ACETATE	108-65-6	2 – 5 %
ACETONE	67-64-1	2 – 5 %

### 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. Immediately 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. 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. To prevent aspiration, keep head below knees.

### 5. FIRE FIGHTING MEASURES

**SUITABLE EXTINGUISHING MEDIA:** Carbon Dioxide, Dry Chemical, Alcohol-resistant Foam. Do not use water, material will float and may ignite on surface of water.

**FIRE FIGHTING PROCEDURES:** Fight as volatile liquid fire. Wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear. Eliminate all sources of ignition. Evacuate unnecessary personnel. Use water spray to cool containers with caution, avoid spreading burning liquid. Water runoff can cause environmental damage. Dike and collect water used to fight fire.

**UNUSUAL FIRE AND EXPLOSION HAZARD:** Highly flammable liquid and vapor. Vapors can travel to a source of ignition and flash back. Vapors may cause flash fire or explosion. This material may be ignited by heat, sparks, flame or static electricity. Closed containers may explode when exposed to extreme heat. 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.

### 6. ACCIDENTAL RELEASE MEASURES

**ENVIRONMENTAL PRECAUTIONS:** Avoid runoff and contact with soil, drains, sewers and waterways. Contact appropriate authority if spill is in excess of reportable quantity, in compliance with local, regional and national regulations.

**PERSONAL PRECAUTIONS:** Eliminate all ignition sources. No smoking, do not use flares. Contact emergency personnel. Evacuate the spill area and keep unnecessary, unprotected personnel away. Do not breathe vapors, use suitable personal protective equipment. Do not touch or walk through spilled material. Prevent additional discharge of material if able to do so safely. Ventilate spill area.

**METHOD OF CLEANING UP:** 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 using non-sparking tools.

Dispose of spilled material and contaminated absorbent material in compliance with local and national regulations, use a licensed waste disposal contractor, and see Section 13.

### 7. HANDLING AND STORAGE

**PRECAUTIONS FOR SAFE HANDLING:** Use only in a well ventilated area, with appropriate personal protective equipment, (see section 8). Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. 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 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.

**CONDITIONS FOR SAFE STORAGE, INCLUDING INCOMPATIBILITIES:** Store in accordance with local regulations. Store locked up. 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

Components	CAS	Exposure Limits
TERTIARY BUTYL ACETATE	540-88-5	ACGIH TWA 200 PPM OSHA PEL TWA 200 PPM
MAGNESIUM SILICATE	14807-96-6	ACGIH TLV 2mg/m <sup>3</sup> Resp. Dust
TITANIUM DIOXIDE	13463-67-7	ACGIH TLV 10mg/m <sup>3</sup> OSHA PEL TWA 15mg/m <sup>3</sup> , total dust
PM ACETATE	108-65-6	Data not available
ACETONE	67-64-1	ACGIH TWA 500 PPM OSHA PEL TWA 1,000 PPM

**ENGINEERING CONTROLS:** Provide explosion proof exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits.

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Use chemical splash goggles and face shield (ANSI Z87.1 or approved equivalent).

**SKIN:** 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.

**RESPIRATORY:** 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).

**WORK HYGIENIC PRACTICES:** Do not eat, drink, or smoke in areas where this material is used. Do not breathe vapors. Remove contaminated clothing and wash before reuse. Wash thoroughly after handling. Wash hands before eating. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid

**COLOR:** Gray liquid

**ODOR:** Typical

**ODOR THRESHOLD:** Not available

**pH:** Not available

**MELTING POINT:** Not applicable

**BOILING POINT:** 133° F

**FLASH POINT AND METHOD:** -4° F TCC

**EVAPORATION RATE:** Not available

**FLAMMABILITY(Solid/Gas):** Not applicable

**FLAMMABLE LIMITS:** .8 - 13.0

**VAPOR PRESSURE:** Not available

**VAPOR DENSITY:** Heavier than air

**DENSITY (lbs/gal):** 10.15

**SPECIFIC GRAVITY:** 1.22

**% SOLUBILITY IN WATER:** Not available

**OCTANOL/WATER PARTITION COEFFICIENT:** Not available

**AUTO-IGNITION TEMPERATURE:** Not available

**DECOMPOSITION TEMPERATURE:** Not available

**Volatile Weight:** 47.55

**Volatile Volume:** 64.99

**Exempt V.O.C. Wt %:** 37.88

**Exempt V.O.C. Vol %:** 53.55

**Regulatory V.O.C.:** 253.39 grams/liter (2.11 lbs/gallon)

**Actual V.O.C.:** 117.69 grams/liter (0.98 lbs/gallon)

**VISCOSITY:** 65 – 70 Krebs Units**10. STABILITY AND REACTIVITY****HAZARDOUS POLYMERIZATION:** Under normal conditions of storage and use, hazardous polymerization will not occur.**CONDITIONS TO AVOID:** 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.**CHEMICAL STABILITY:** The product is stable. Avoid heat, open flame, sparks, static electricity, freezing.**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide, carbon dioxide, and possible oxides of nitrogen**INCOMPATIBLE MATERIALS:** Alkaline materials, strong acids and oxidizing materials.**POSSIBILITY OF HAZARDOUS REACTIONS:** Under normal conditions of use and storage, hazardous reactions will not occur.**11. TOXICOLOGICAL INFORMATION**

This product has not been tested as a whole, individual component data, (where available), is listed below:

**ACETONE(67-64-1)**

Acute Dermal Toxicity	LD50: >7,426 mg/kg	
Acute Inhalation Toxicity	LC50: 76.0 mg/l 4hrs (rat)	
Acute Oral Toxicity	LD50: 5,800 mg/kg (rat)	
Eye Irritation	Category 2A	Causes serious eye irritation.
Target Organ, Single Exposure	Central Nervous System	Category 3 May cause drowsiness or dizziness.
Target Organ, Single Exposure	Respiratory System	Category 3 May cause respiratory irritation.

**PM ACETATE(108-65-6)**

Acute Dermal Toxicity	LD50: >5,000 mg/kg (rabbit)	
Acute Oral Toxicity	LD50: 8,532 mg/kg (rat)	
Reproductive Toxicity	Category 1B	May damage fertility or the unborn child.

**TERTIARY BUTYL ACETATE(540-88-5)**

Acute Dermal Toxicity	LD50: >2,000 mg/kg	
Acute Inhalation Toxicity	LC50: 12.52 mg/l 4hrs	Category 4 Harmful if inhaled.
Acute Oral Toxicity	LD50: 4,500 mg/kg	
Target Organ, Single Exposure	Central Nervous System	Category 3 May cause drowsiness or dizziness.
Target Organ, Single Exposure	Respiratory System	Category 3 May cause respiratory irritation.

**TITANIUM DIOXIDE(13463-67-7)**

Carcinogenicity Classification	IARC Group 2B	Possibly carcinogenic to humans.
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**ECOLOGICAL INFORMATION**

This product has not been tested as a whole, individual component data, (where available), is listed below:

**ACETONE(67-64-1)**

Toxicity to fish	Oncorhynchus mykiss (rainbow trout)	LC50: 6,100 mg/l 48hrs
Toxicity to daphnia and other aquatic invertebrate	Daphnia magna (Water flea)	EC50: 7,630 mg/l 48hrs
Toxicity to algae	No data available	No data available
Persistence and degradability	Biodegradability	Readily
Bioaccumulative potential	N/A	Negative

**PM ACETATE(108-65-6)**

Toxicity to fish	Oncorhynchus mykiss (rainbow trout)	LC50: 100 mg/l 96hrs
Toxicity to daphnia and other aquatic invertebrate	Daphnia magna (Water flea)	EC50: 500 mg/l 48hrs
Toxicity to algae	Selenastrum capricornutum (green algae)	EC50: >1,000 mg/l 96hrs
Persistence and degradability	Biodegradability	Readily
Bioaccumulative potential	Partition coefficient: n-octanol/water	Log Pow: 0.43

**TERTIARY BUTYL ACETATE(540-88-5)**

Acute aquatic toxicity	Harmful to aquatic life.	
Toxicity to fish	Low acute toxicity to fish.	
Toxicity to daphnia and other aquatic invertebrate	Low acute toxicity to aquatic invertebrates.	
Toxicity to algae	Harmful to algae. Can inhibit growth of aquatic algae	EC50: 16 ml/l 72hrs
	Pseudokirchneriella subcapitata (green algae)	EC50: 64 mg/l 96hrs
Persistence and degradability	Biodegradability: 50% 28d	Inherently biodegradable
Bioaccumulative potential	Bioconcentration Factor: 6.7	Not expected to bioaccumulate

**13. DISPOSAL CONSIDERATIONS****RECOMMENDATIONS:** 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, waste disposal legislation and any regional local authority requirements. Empty containers should be disposed of through an approved waste management facility. Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261, ensure conformity to all applicable hazardous waste regulations, consult your local or regional authorities.**14. TRANSPORT INFORMATION****UN NUMBER:** UN1263**UN PROPER SHIPPING NAME:** PAINT

**TRANSPORT HAZARD CLASS: 3****PACKING GROUP: II**

**SPECIAL PRECAUTIONS:** The listed transportation information applies only to ground transport and does not address regulatory variations due to changes in package size, mode of shipment or other regulatory descriptors. This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. It is the responsibility of the shipper and the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material. Local Government regulations and rules should prevail.

**15. REGULATORY INFORMATION****UNITED STATES FEDERAL REGULATIONS:**

**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.

**EPCRA - Emergency Planning and Community Right-to-Know Act**

**CERCLA RQ - 40 CFR302.4 (a):** List of Hazardous Substances and Reportable Quantities (RQ)

<u>Chemical Name</u>	<u>CAS Number</u>	<u>RQ</u>
ACETONE	67-64-1	5,000 lbs.
TERTIARY BUTYL ACETATE	540-88-5	5,000 lbs.

**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

**STATE REGULATIONS:****California Proposition 65**

**WARNING: Cancer and Reproductive Harm – [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)**

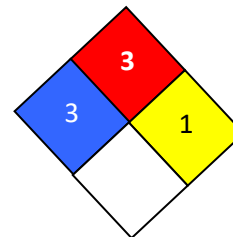
ACETONE	67-64-1	Cancer, Developmental toxicity
TITANIUM DIOXIDE	13463-67-7	Cancer

**New Jersey, Pennsylvania, Massachusetts Right-To-Know Component Information**

<u>Chemical Name</u>	<u>CAS Number</u>
ACETONE	67-64-1
PM ACETATE	108-65-6
MAGNESIUM SILICATE	14807-96-6
TERTIARY BUTYL ACETATE	540-88-5
TITANIUM DIOXIDE	13463-67-7

**16. OTHER INFORMATION**

<b>HMIS RATING</b>	
<b>Health:</b>	<b>3</b>
<b>Flammability:</b>	<b>3</b>
<b>Personal Hazard:</b>	<b>1</b>
<b>Personal Protection:</b>	<b>J</b>

**NFPA CODES**

0 = not significant, 1 = Slight, 2 = Moderate, 3 = High, 4 = Extreme, \* = Chronic

**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.

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