DO THE JOB RIGHT.

DATE ISSUED:	11/02/2016
Version No.:	50307-2

SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Eastwood Low VOC 4:1 High Solids Clear
PRODUCT CODE: 50307ZP
PRODUCT USE: FOR PROFESSIONAL USE ONLY

MANUFACTURED FOR:
The Easthill Group
dba The Eastwood Company
263 Shoemaker Road,
Pottstown, PA 19464
USA: 1-800-345-1178 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
ACUTE TOXICITY: Oral - Category 4
ACUTE TOXICITY: Dermal - Category 4
ASPIRATION HAZARD: Category 1
SKIN IRRITATION: Category 2
EYE IRRITATION: Category 2A
SPECIFIC TARGET ORGAN TOXICITY: SINGLE EXPOSURE - Category 3 (Respiratory, Central nervous system)
SPECIFIC TARGET ORGAN TOXICITY: REPEATED EXPOSURE - Category 2 (Liver, Kidney, Central nervous system)

GHS label elements

PICTOGRAMS

SIGNAL WORD: Danger

HAZARD STATEMENTS: Highly flammable liquid and vapor. Harmful if swallowed. May be fatal if swallowed and enters airways. Harmful in contact with skin, causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Harmful if inhaled. May cause respiratory irritation, drowsiness or dizziness. May cause damage to organs through prolonged or repeated exposure.

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. Do not breathe dust, fumes, gas, mist, vapors or spray. Wash skin thoroughly after handling. Do not eat, drink or smoke when using this product. 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, eye and 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. If medical advice is needed, have product container or label at hand. Avoid release to the environment. Keep out of reach of children and pets at all times.

RESPONSE: IF SWALLOWED: Do NOT induce vomiting. Get medical attention immediately. IF INHALED: Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms, seek immediate medical attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue

rinsing. If eye irritation persists: seek immediate attention. IF ON SKIN (or hair): Take off immediately all contaminated clothing and wash before reuse. Rinse skin with water or shower. If skin irritation or rash occurs, seek immediate medical attention. Call a POISON CENTER or physician if you feel unwell. If exposed or concerned: Get medical attention.

In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction, 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 in accordance with all local, regional, national and international regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Range % by Wt
ACRYLIC POLYOL	NA	35 – 45 %
ACETONE	67-64-1	15 – 25 %
METHYL AMYL KETONE	110-43-0	15 – 25 %
TERTIARY BUTYL ACETATE	540-88-5	10 – 20 %
*XYLENE	1330-20-7	< 10 %

* Toxic chemical subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

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 occur or 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.

NOTES TO PHYSICIAN: This material is an aspiration hazard. Potential danger from aspiration must be weighed against possible oral toxicity when deciding whether to induce vomiting. Symptoms of poisoning may appear several hours after exposure.

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/dust 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 is spill is in excess of reportable quantity, in compliance with local/regional/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 (dry sand or soil may be used in the absence of other non-combustible suitable materials) and use a non-sparking or explosion-proof means to transfer material to an appropriate waste 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 a chemical waste 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, 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). 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
ACRYLIC POLYOL	NA	Data not available
ACETONE	67-64-1	ACGIH TWA 500 PPM OSHA PEL TWA 1,000 PPM
METHYL AMYL KETONE	110-43-0	ACGIH TWA 50 PPM OSHA PEL TWA 100 PPM
TERTIARY BUTYL ACETATE	540-88-5	ACGIH TWA 200 PPM OSHA PEL TWA 200 PPM
XYLENE	1330-20-7	ACGIH TWA 100 PPM OSHA PEL TWA 100 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. Avoid breathing 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: Clear 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: 1.0 – 13.0
VAPOR PRESSURE: Not available
VAPOR DENSITY: Heavier than air
DENSITY (lbs/gl): 7.723
SPECIFIC GRAVITY: 0.927
% SOLUBILITY IN WATER: Not available
OCTANOL/WATER PARTITION COEFFICIENT: Not available
AUTO-IGNITION TEMPERATURE: Not available
DECOMPOSITION TEMPERATURE: Not available
VISCOSITY: 51 – 54 Krebs Units

VOLATILE WEIGHT: 60.348
VOLATILE VOLUME: 67.966
EXEMPT V.O.C. WT %: 34.62
EXEMPT V.O.C. VOL %: 39.22
REGULATORY V.O.C. g/l: 391.75
ACTUAL V.O.C. g/l: 238.10

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)		
Target Organ, Single Exposure	Central Nervous System	Category 3	May cause drowsiness or dizziness.
Eye Irritation	Category 2A	Causes serious eye irritation.	

METHYL AMYL KETONE(110-43-0)

Acute Dermal Toxicity	LD50: >2,000 mg/kg (rat)		
Acute Inhalation Toxicity	LC50: >16.7 mg/l 4hrs (rat)	Category 4	Harmful if inhaled.
Acute Oral Toxicity	LD50: 1,670 mg/kg (rat)	Category 4	Harmful if swallowed.
Target Organ, Single Exposure	Central Nervous System	Category 3	May cause drowsiness or dizziness.

TERTIARY BUTYL ACETATE(540-88-5)

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

XYLENE(1330-20-7)

Acute Dermal Toxicity	1,100 mg/kg	Category 4	Harmful in contact with skin.
Acute Inhalation Toxicity	LC50 6700 ppm 4hrs (rat)	Category 4	Harmful if inhaled.
Acute Oral Toxicity	LD50 3,523 mg/kg (rat)		
Aspiration Toxicity	Category 1	May be fatal if swallowed and enters airways.	
Target Organ, Single Exposure	Respiratory system	Category 3	May cause respiratory irritation.
Target Organ, Repeated Exposure	Liver, Kidney, Central Nervous System	Category 2	May cause damage to organs through prolonged or repeated exposure.
Eye Irritation	Category 2A	Causes serious eye irritation.	
Skin Irritation	Category 2	Causes skin irritation.	
Carcinogenicity Classification	IARC Group 2B	Suspected of causing cancer.	

12. 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

METHYL AMYL KETONE(110-43-0)

Toxicity to fish	Pimephales promelas (flathead minnow)	LC50: 131 mg/l 96hrs
Toxicity to daphnia and other aquatic invertebrates	daphnia magna (Water flea)	EC50: >90.1 mg/l 48hrs
Toxicity to algae	Selenastrum capricornutum (green algae)	EC50: 98.2 MG/L 72 hrs
Persistence and degradability	Biodegradability	Readily
Bioaccumulative potential	Partition coefficient: n-octanol/water	Log Pow: 1.98

TERTIARY BUTYL ACETATE(540-88-5)

Toxicity to algae	Can inhibit growth of aquatic algae	EC50: 16 ml/l 72hrs
Toxicity to bacteria	High concentrations may be harmful to sewage treatment plant	1.5 mg/l

	microbes	
Persistence and degradability	Biodegradability - Inherently biodegradable	
Bioaccumulative potential	Bioaccumulation - Not expected to bioaccumulate	
XYLENE(1330-20-7)		
Toxicity to fish	Oncorhynchus mykiss (rainbow trout)	LC50: 2.6 mg/l 96hrs
Toxicity to daphnia and other aquatic invertebrate	Daphnia magna (Water flea)	IC50: 1 mg/l 24hrs
Toxicity to algae	Pseudokirchneriella subcapitata (green algae)	EC50: 4.36 mg/l 73hrs
Persistence and degradability	Biodegradability	Readily
Bioaccumulative potential	Partition coefficient: n-octanol/water	log Pow: 2.77 - 3.15

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)

Chemical Name	CAS Number	RQ
TERTIARY BUTYL ACETATE	540-88-5	5,000 lbs.
XYLENE	1330-20-7	100 lbs
Xylene Component: ETHYL BENZENE	100-41-4	1,000 lbs.

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:

Chemical Name	CAS Number
XYLENE	1330-20-7
Xylene Component: ETHYL BENZENE	100-41-4

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

Chemical Name	CAS Number
Xylene Component: ETHYL BENZENE	100-41-4

New Jersey Right-To-Know Component Information

Chemical Name	CAS Number

ACETONE	67-64-1
METHYL AMYL KETONE	110-43-0
TERTIARY BUTYL ACETATE	540-88-5
XYLENE	1330-20-7
Xylene Component: ETHYL BENZENE	100-41-4

Pennsylvania Right-To-Know Component Information

Chemical Name	CAS Number
ACETONE	67-64-1
METHYL AMYL KETONE	110-43-0
TERTIARY BUTYL ACETATE	540-88-5
XYLENE	1330-20-7
Xylene Component: ETHYL BENZENE	100-41-4

Massachusetts Right-To-Know Component Information

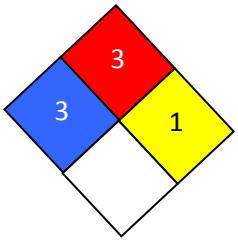
Chemical Name	CAS Number
ACETONE	67-64-1
METHYL AMYL KETONE	110-43-0
TERTIARY BUTYL ACETATE	540-88-5
XYLENE	1330-20-7
Xylene Component: ETHYL BENZENE	100-41-4

16. OTHER INFORMATION

HMIS RATING	
Health:	**3**
Flammability:	**3**
Personal Hazard:	**1**
Personal Protection:	**J**

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

NFPA CODES



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.

DATE ISSUED: 11/02/2016
Version No.: 50307-2