

Section 01: Chemical product and company identification

Product name..... **EW14758 FLOWABLE PUTTY GLAZE**

Manufactured for..... THE EASTWOOD COMPANY

263 SHOEMAKER ROAD Pottstown, PA 19464

POTTSTOWN

PA U.S.A. 19464

IN CANADA CALL CANUTEC (613) 996-6666-IN THE UNITED STATES CALL 24 hour emergency number:.....

CHEMTREC (800) 424-9300.

Automotive. Material use..... Chemical family..... Mixture.

Preparation date..... September 19, 2013.

Hazard rate

NFPA rating...... Health: 2 Fire: 3 Reactivity: 0. HMIS.....

H: 2 F: 3 R: 0.

Section 02: Hazards identification



Signal Word..... WARNING. Acute Toxicity 4. Carcinogen 2. Respiratory Sensitizer 1. Skin Sensitizer 1. Flammable Liquid 3. STOT RE 2. Hazard Classification..... H313 May be harmful in contact with skin. H317 May cause an allergic skin reaction. H334 Hazard Description..... May cause allergy or asthma symptoms or breathing difficulties if inhaled. H351 This product contains ingredients that are suspected of causing cancer. H373 May cause damage to the liver and kidneys through prolonged or repeated contact. H226 Flammable liquid and vapour. P202 Do not handle this product until all safety instructions have been read and Precautionary Statements..... understood. P210 Keep away from heat, sparks, open flames and hot surfaces. No smoking. P233 Keep container tightly closed. P240 Ground and bond container and receiving equipment. P273 Avoid release to the environment. P241 Use explosion proof equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P261 Avoid breathing mists, vapours and sprays. P264 Wash thoroughly after handling. P271 Use only outdoors or in a well ventilated area. P272 Contaminated work clothing should not be allowed out of the workplace. P280 Wear protective gloves and eye protection. P284 In case of inadequate ventilation wear respiratory protection.

Section 03: COMPOSITION/INFORMATION ON INGREDIENTS			
Hazardous Ingredients	CAS#	Wt. %	
STYRENE	100-42-5	10-30	
TALC	14807-96-6	10-30	
CALCIUM CARBONATE	1317-65-3	7-13	
TITANIUM DIOXIDE	13463-67-7	1-5	
QUARTZ	14808-60-7	0.1-1.0	
2-PHENOXYETHANOL	122-99-6	0.1-1.0	
CHLORITE	1318-59-8	0.1-1.0	
DOLOMITE	16389-88-1	0.1-1.0	
N,N-DIMETHYL-P-TOLUIDINE	99-97-8	<0.1	
SILICON DIOXIDE	7631-86-9	<0.1	

Section 04: First aid measures

In case of contact, immediately flush eyes, keeping eyelids open, with plenty of water for at least 15 minutes. Obtain medical attention. Eye contact..... Skin contact..... Remove all contaminated clothing and immediately wash the exposed areas with copious amounts of water for a minimum of 30 minutes or up to 60 minutes for critical body areas. If irritation persists, seek medical attention. Skin contact. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is Inhalation..... difficult, give oxygen, obtain medical attention. If ingestion is suspected, contact physician or poison control center immediately. If Ingestion..... spontaneous vomiting occurs have victim lean forward with head down to prevent aspiration of fluid into the lungs. Never give anything by mouth to an unconscious person. Treat victims symptomatically. In the event of an incident involving this product ensure that Additional information..... medical authorities are provided a copy of this safety data sheet.

Section 05: Fire fighting measures

Extinguishing media..... "Alcohol" foam, CO2, dry chemical. Firefighter should be equipped with self-contained breathing apparatus and full protective Special fire fighting procedures..... clothing to protect against potentially toxic and irritating fumes. Solvent vapours may be heavier than air and may build up and travel along the ground to an ignition source, which may result in a flash back to the source of the vapours. Cool fire-exposed containers with

cold water spray. Heat will cause pressure buildup and may cause explosive rupture.

Section 06: Accidental release measures

Ventilate. Eliminate all sources of ignition. Contain the spill. Avoid all personal contact. Leak/spill..... Spilled material and water rinses are classified as chemical waste, and must be disposed of in accordance with current local, provincial, state, and federal regulations. Evacuate all non-essential personnel. Prevent runoff into drains, sewers, and other waterways. Absorb with earth, sand, or another dry inert material. Shovel into suitable unsealed containers, transport to well-ventilated area (outside) and treat with neutralizing solution: mixture of water (80%) with non-ionic surfactant Tergitol TMN-10 (20%); or water (90%), concentrated

Section 07: Handling and storage

Handling procedures..... Avoid all skin contact and ventilate adequately, otherwise wear an appropriate breathing apparatus. Always adopt precautionary measures against build-up of static which may arise from appliances, handling and the containers in which product is packed. Avoid

ammonia (3-8%) and detergent (2%).

breathing vapours or mist. Ground handling equipment. Handle and open container with care. Employees should wash hands and face before eating or drinking. Keep away from heat, sparks, and open flame.

Keep container closed when not in use. Store away from all sources of heat and ignition. Storage needs..... Store away from oxidizing and reducing materials. Store away from sunlight.

Section 08: Exposure controls / personal protection

Ingredients	TWA	GIH TLV STEL	OSH PEL	A PEL STEL	NIOSH REL
STYRENE	20 ppm	40 ppm	100 ppm	Not established	100 ppm
TALC	No data 2 mg/m3	No data	2 mg/m3	No data	2 mg/m3
CALCIUM CARBONATE	No data No data	No data	5 mg/m3	No data	5 mg/m3
TITANIUM DIOXIDE	No data 10 mg/m3	No data	15 mg/m3	No data	No data
QUARTZ	10 mg/m3 0.025 mg/m3	No data	No data	No data	0.05 mg/m3
2-PHENOXYETHANOL	No data No data	No data	No data	No data	No data
CHLORITE	No data No data	No data	No data	No data	No data
DOLOMITE	No data Not established	Not established	Not established	Not established	Not established

Section 08: Exposure controls / personal protection

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Ingredients	TWA ACGI	H TLV STEL	OSHA PEL	NPEL STEL	NIOSH REL
N,N-DIMETHYL-P-TOLUI DINE	No data	No data	No data	No data	No data
	No data				
SILICON DIOXIDE	Withdrawn	Withdrawn	15 mg/m3	Not established	6 mg/m3
Protective equipment Eye/type Respiratory/type Gloves/ type Clothing/type Footwear/type Other/type Ventilation requirements		Liquid chemical goggles Local exhaust ventilatio when contaminant level Chemical resistant glow Wear adequate protecti Safety boots per local re Emergency showers an Provide natural or mech exposure limits. Local re contamination, such as gases and fumes that re ventilation (ie. ACGIH in	In is recommended. We list exceed the recommendes. It is electronically exceed the recommendes. It is electronically expenses the confidence of the confiden	ended exposure limits. hould be available. portrol exposure levels b ntilation should be used ent, or during purging o ard reference sources re	elow airborne I at sources of air perations, to capture egarding industrial

Exposure limits

Section 09: Physical and chemical properties

adequate ventilation. .

Physical stateColour	Paste. Light yellow.
Odour threshold (ppm)	Hydrocarbon odour. 0.15-25 ppm (Styrene).
Vapour pressure (mm Hg)	No data.
Vapour density (air=1)	3.6 (Styrene).
Specific gravity	8.108 lg/usg - 0.973.
pĤ	Not applicable.
Freezing point (deg C)	No data.
Solubility	Slightly soluble in water.
Boiling point (deg C)	145°C.
Evaporation rate	No data.
Flash point (deg C), method	32°C Closed Cup.
Auto ignition temperature (deg C)	490°C.
Upper flammable limit (% vol)	6.8.
Lower flammable limit (% vol)	0.9.
Coefficient of water\oil distribution	No data.
VOC	42 g/l - 0.35 lb/usg.
Viscosity	31,000 cps @ 10 rpm spindle C.

Section 10: Stability and reactivity

Stability	Stable at normal temperatures and pressures.
Reactivity conditions	Avoid heat, sparks and flames. Explosive reactions can occur in the presence of strong
	oxidizing agents.
Incompatibility	Keep away from heat. Incompatible with strong oxidizers.
Hazardous products of decomposition	See hazardous combustion products.
Hazardous polymerization	Will not occur under normal temperature and pressure

Section 11: Toxicological information

Ingredients	LC50	LD50
STYRENE	2770 ppm 4 hr rat	5000 mg/kg rat oral
TALC	No data	No data
CALCIUM CARBONATE	No data	6450 mg/kg rat oral
TITANIUM DIOXIDE	No data	> 10,000 mg/kg rat oral > 10,000 mg/kg rabbit dermal
QUARTZ	No data	No data
2-PHENOXYETHANOL	No data	14,000-40,000 mg/kg Oral Rat
CHLORITE	No data	No data

PRODUCT: FW14758 FLOWARI F PLITTY GLAZE

Sect	ion 11: Toxicological information		
Ingredients L	C50	LD50	
DOLOMITE No.	o data	No data	
N,N-DIMETHYL-P-TOLUIDINE 14	00 mg/m3 rat 4 hours	No data	
	o data	No data	
Route of entry Effects of acute exposure	The aromatic hydrocarbon solvents in this throat. In high concentration, they may ca narcosis characterized by nausea, lighthe inhalation.	s product can be irritating to the eyes, nose and ause central nervous system depression and eadedness and dizziness from overexposure by	
Effects of chronic exposure	the respiratory system, lungs, eyes, skin repeated exposure may result in an allerg Prolonged or repeated exposure may lea This product contains crystalline silica. Exmay cause silicosis, a form of disabling, publicates. Severe and permanent lung danger silicosis.	d to allergic skin reactions. May cause damage to and central nervous system. Prolonged or gic respiratory reaction in sensitive individuals. d to kidney or central nervous system symptoms. Accessive long-term exposure to crystalline silical progressive and sometimes fatal fibrotic lung may result. Prolonged overexposure to fibrotic lung damage.	
Carcinogenicity of material			
	tion 40. Foolenied information		
560	tion 12: Ecological information		
EnvironmentalBiodegradability	Do not allow to enter waters, waste water No data.	r or soil.	
Sect	ion 13: Disposal considerations		
Waste disposal	Empty containers must be handled with c container must be disposed of as hazard	eare due to product residue. This material and its ous waste. Avoid release to the environment.	
Sec	tion 14: Transport information		
	UN3269 - Polyester Resin Kit - Class 3 - criterial for Limited Quantity Exemptions v UN3269 - Polyester Resin Kit - Class 3 -	when packaged in containers less than 5 litres.	
IMDG Classification (Marine)	UN3269 - Polyester Resin Kit - Class 3 -	Packing Group III - EmS: F-E S-D.	
Sec	tion 15: Regulatory information		
WHMIS classification	B2. D2A. D2B.		
CEPA statusOSHASARA Title III	On Domestic Substances List (DSL).	der the OSHA Hazard Communication Standard.	
Section 302 - extremely hazardoussubstances	None.		
Section 311/312 - hazard categories Section 313EPA hazardous air pollutants (HAPS)	Styrene.	zard.	
40CFR63 TSCA inventory status California Proposition 65	This product contains Crystalline Silica (C cancer. California is in the process of listi	Quartz) known to the State of California to cause ng Titanium Dioxide to Proposition 65 as a known f listing Styrene to Proposition 65 as a carcinogen	
S	ection 16: Other information		

Section 16: Other information

Prepared by:
Telephone number:

REGULATORY AFFAIRS. (800) 387-7981.
DISCLAIMER: All information appearing herein is based upon data obtained from experience and recognized technical sources. To the best of our knowledge, it is believed Disclaimer:....

Section 16: Other information

Disclaimer: Preparation date:	to be correct as of the date of issue but we make no representations as to its accuracy of sufficiency and do not suggest or guarantee that any hazards listed herein are the only ones which exist. The hazard information contained herein is offered solely for the consideration of the user, subject to his own investigation and verification of compliance with applicable regulations, including the safe use of the product under every foreseeabl condition. The information relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process. Sep24/13
Preparation date:	with applicable regulations, including the safe use of the product under every foresee condition. The information relates only to the product designated herein, and does no relate to its use in combination with any other material or in any other process.

Section 01: Chemical product and company identification

Product name..... **BLUE CREAM HARDENER** Manufactured for..... The Eastwood Company 263 Shoemaker Rd. Potttstown,Pa 19464 1800-345-1178 24 hour emergency number:..... In Canada call Canutec (613) 996-6666 - In the United States call Chemtrec (800) 424-9300. Accelerator and activator. Chemical family..... Mixture. Preparation date..... January 17, 2014. Hazard rate NFPA rating...... Health: 2 Fire: 2 Reactivity: 2. HMIS...... H: 2 F: 2 R: 2.

Section 02: Hazards identification





Signal Word...... DANGER. Hazard Classification..... Acute Toxicity 4. Eye Irritant 2. Skin Irritant 2. Skin Sensitizer 1. Aspiration Toxicity 1. Flammable Liquid 4. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H312 Hazard Description..... Harmful in contact with skin. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H320 Causes eye irritation. H332 Harmful if inhaled. H227 Combustible liquid. Precautionary Statements..... P243 Take precautionary measures against static discharge. P251 Do not pierce or burn container, even after use. P261 Avoid breathing dust. P261 Avoid breathing mists, vapours and sprays. P264 Wash thoroughly after handling. P270 Do not eat drink or smoke while using this product. P271 Use only outdoors or in a well ventilated area. P273 Avoid release to the environment. P280 Wear protective gloves and eye protection. P202 Do not handle this product until all safety instructions have been read and understood. P284 In case of inadequate ventilation wear respiratory protection. P410 Protect from sunlight. P412 Do not expose to temperature exceeding 50C / 122F. P210 Keep away from heat, sparks, open flames and hot surfaces. No smoking. P211 Do not spray on an open flame or other ignition sources. P233 Keep container tightly closed. P235 Keep cool. P240 Ground and bond container and receiving equipment. P241 Use explosion proof equipment. P242 Use only non-sparking tools. This product is an oxidizer.

Section 03: COMPOSITION/INFORMATION ON INGREDIENTS			
Hazardous Ingredients	CAS#	Wt. %	
BENZYOL PEROXIDE	96-36-0	40-70	
NON-PHTHALATE PLASTICIZER	PROPRIETARY	15-40	
SILICA, AMORPHOUS	7631-86-9	1-5	
CALCIUM CARBONATE	1317-65-3	1-5	

Section 04: First aid measures

Additional information..... Treat victims symptomatically. The main hazard from ingestion is aspiration of the liquid

into the lungs. In the event of an incident involving this product ensure that medical

authorities are provided a copy of this safety data sheet.

Section 05: Fire fighting measures

"Alcohol" foam, CO2, dry chemical. Extinguishing media.....

Oxides of carbon (CO,CO2). Benzoic acid. Hydrocarbons. Hazardous combustion products.....

Special fire fighting procedures..... Firefighter should be equipped with self-contained breathing apparatus and full protective clothing to protect against potentially toxic and irritating fumes. Fight fire like a fuel oil fire. Unusual fire / explosion hazards.....

Fire hazard increases when material becomes dry. Vapours may be heavier than air. May travel long distances along the ground before igniting and flashing back to vapour source.

Section 06: Accidental release measures

Leak/spill..... Ventilate. Eliminate all sources of ignition. Isolate area and keep unauthorized people

away. Do not walk through spilled material. Contain the spill. Prevent runoff into drains, sewers, and other waterways. Absorb with earth, sand, or another dry inert material. Spilled material and water rinses are classified as chemical waste, and must be disposed

of in accordance with current local, provincial, state, and federal regulations.

Section 07: Handling and storage

Handling procedures..... Keep away from heat, sparks, and open flame. Do not breathe vapours, mist or dust. Avoid

all skin contact and ventilate adequately, otherwise wear an appropriate breathing apparatus. Handle in accordance with good industrial hygiene and safety practices. Always adopt precautionary measures against build-up of static which may arise from appliances, handling and the containers in which product is packed. Ground handling equipment. Handle and open container with care. Employees should wash hands and face before

eating or drinking.

Keep away from heat, sparks, and open flames. Keep container closed when not in use. Storage needs.....

Store in a cool dry place away from organic materials.

Section 08: Exposure controls / personal protection

Protective equipment Eye/type.....

Liquid chemical goggles. Respiratory/type..... Local exhaust ventilation is recommended. Wear an appropriate, properly fitted respirator

when contaminant levels exceed the recomended exposure limits.

Chemical resistant gloves. Gloves/ type.....

Clothing/type..... Wear adequate protective clothes. Footwear/type..... Safety boots per local regulations.

Emergency showers and eye wash stations should be available. Other/type.....

Ventilation requirements..... Local exhaust at points of emission.

Exposure limits

Ingredients	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	NIOSH REL
BENZYOL PEROXIDE	No data	No data	No data	No data	No data
NON-PHTHALATE PLASTICIZER	No data	No data	No data	No data	No data
SILICA, AMORPHOUS	No data	No data	No data	No data	No data
CALCIUM CARBONATE	No data	No data	5 mg/m3	No data	5 mg/m3

Section 09: Physical and chemical properties

Physical state	Paste.
Colour	Blue.
Odour	Mild odour. Ester odour.
Odour threshold (ppm)	No data.
Vapour pressure (mm Hg)	<1 mm Hg @ 20C.
Vapour density (air=1)	>1. Heavier than air.
pH	Neutral.
Specific gravity	1.2.
Freezing point (deg C)	No data.
Solubility	Slightly soluble in water.
Boiling point (deg C)	
Evaporation rate	<1. Slower than ether.

Section 09: Physical and chemical properties

Auto ignition temperature (deg C)	No data.
Upper flammable limit (% vol)	No data.
Lower flammable limit (% vol)	No data.
Coefficient of water\oil distribution	No data.
% Volatile by weight	10-20.

VOC...... 0.0 g/L - 0.0 lb/USG.

Viscosity...... No data.

Section 10: Stability and reactivity

Stable at normal temperatures and pressures. Stability..... Avoid heat, sparks and flames. Possible decomposition if exposed to elevated Reactivity conditions..... temperatures.

oxidizers. Accelerators. Reducing agents. Alcohols. Amines. Strong bases.

Hazardous products of decomposition...... See hazardous combustion products. Hazardous polymerization will not occur. Hazardous polymerization.....

Section 11: Toxicological information

Eye contact. Skin contact. Ingestion. Inhalation. Route of entry Contact with paste may result in irritation, redness, tearing, and blurred vision. May cause Effects of acute exposure..... skin irritation. If ingested, this product may be absorbed and result in gastrointestinal irritation, nausea, vomiting, and diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis which can be fatal.

Effects of chronic exposure..... Prolonged or repeated skin contact may cause drying or cracking of skin.

Prolonged or repeated exposure may result in skin sensitization.

This product is not listed by NTP, IARC or regulated as a carcinogen by OSHA.

Toxicological Data

Ingredients LC50-inh, rat LD50-Oral.rat

7710 mg/kg Rat Oral BENZYOL PEROXIDE No data

NON-PHTHALATE PLASTICIZER No data

SILICA, AMORPHOUS No data 3160 mg/kg rat oral CALCIUM CARBONATE No data 6450 mg/kg rat oral

Section 12: Ecological information

Environmental..... Do not allow to enter waters, waste water or soil. Biodegradability..... No data.

Section 13: Disposal considerations

Waste disposal..... Empty containers must be handled with care due to product residue. Dispose of as an industrial waste in a manner acceptable to good waste management practice and in

accordance with applicable local, provincial/State or federal regulations.

Section 14: Transport information

The product meets the Limited Quantity exemption when packaged in containers less than 0.5 kg. For packages greater than 0.5 kg, the classification is - Organic Peroxide, Type E, Solid (Benzoyl Peroxide) - Class 5.2 - UN3108 - PG II. TDG Classification (Road).....

Organic peroxide, Type E, Solid (Benzoyl peroxide) - UN3108 - Class 5.2 - PG II. Organic Peroxide, Type E, Solid (Benzoyl peroxide) - UN3108 - Class 5.2 - PG II. IATA Classification (Air)..... IMDG Classification (Marine).....

Marine Pollutant.....

Section 15: Regulatory information

WHMIS classification..... B3. C. D2B. F.

On Domestic Substances List (DSL). CEPA status.....

Section 313..... Benzoyl peroxide.

This product is considered hazardous under the OSHA Hazard Communication Standard. OSHA..... SARA Title III

Section 302 - extremely hazardous None.

Section 311/312 - hazard categories..... Immediate health, delayed health. None.

EPA hazardous air pollutants (HAPS)

TSCA inventory status...... All components are listed.

40CFR63

Section 15: Regulatory information

Section 16: Other information

Prepared by: Regulatory Affairs.
Telephone number: (800) 387-7981.
Disclaimer: DISCLAIMER: All i

DISCLAIMER: All information appearing herein is based upon data obtained from experience and recognized technical sources. To the best of our knowledge, it is believed to be correct as of the date of issue but we make no representations as to its accuracy or sufficiency and do not suggest or guarantee that any hazards listed herein are the only ones which exist. The hazard information contained herein is offered solely for the consideration of the user, subject to his own investigation and verification of compliance with applicable regulations, including the safe use of the product under every foreseeable condition. The information relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process.