

SECTION 01: Chemical product and company identification

Product name...... EW13518 ALUMINUM FILLER REPAIR COMPOUND

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

POTTSTOWN, PA

CHEMTREC (800) 424-9300.

Hazard rate

HMIS...... H: 2* F: 3 R: 0.

SECTION 02: Hazards identification



WARNING. Signal Word..... Hazard Classification..... Flammable Solid 2. Carcinogen 2. Acute Toxicity 4. Eye Irritant 2. Skin Irritant 2. STOT RE 2. STOT SE 2. Hazard Description..... H228 Flammable Solid. H302 Harmful if swallowed. H315 Causes skin irritation. H320 Causes eye irritation. H333 May be harmful if inhaled. H351 This product contains ingredients that are suspected of causing cancer. H371 May cause damage to the liver and kidnevs. 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. 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. P243 Take precautionary measures against static discharge. P251 Do not pierce or burn container, even after use. P261 Avoid breathing dust. 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. P284 In case of inadequate ventilation wear respiratory protection. P410 Protect from sunlight.

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	10-30	
CHLORITE	1318-59-8	1-5	
SILICA, CRYSTALLINE	14808-60-7	0.1-1.0	
ALUMINUM	7429-90-5	0.1-1.0	
2 BUTOXY ETHANOL	111-76-2	0.1-1.0	

SECTION 04: First aid measures

Eye contact	In case of contact, immediately flush eyes, keeping eyelids open, with plenty of water for at
	least 15 minutes. Consult a physician if irritation continues.
01:	and the contract of the contra

...... Immediately remove all contaminated clothing; flush skin with water for at least 15 minutes. If irritation persists, seek medical attention.

Additional information.....

SECTION 04: First aid measures

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is Inhalation..... difficult, give oxygen, obtain medical attention. If swallowed, do not induce vomiting. Give large quantity of water. Call a physician

immediately. Never give anything by mouth to an unconscious person. If spontaneous vomiting occurs have victim lean forward with head down to prevent aspiration of fluid into the lunas.

Treat victims symptomatically. 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

Carbon dioxide, dry chemical, foam. Oxides of carbon (CO, CO2). Oxides of calcium. Other potentially toxic fumes. Extinguishing media..... 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. 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

Isolate area and keep unauthorized people away. Do not walk through spilled material. Wear recommended protective equipment. Ventilate. Open windows and doors to allow Leak/spill..... air circulation. Dike area to prevent spreading. The use of absorbent socks or spill pillows may be required. Stop leak if safe to do so. Prevent runoff into drains, sewers, and other waterways. Eliminate all sources of ignition. Avoid all personal contact. Cover spill with absorbent material and place in appropriate containers. Spill area can be washed with water. Collect wash water for approved disposal. 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

Handle in accordance with good industrial hygiene and safety practices. Keep away from Handling procedures..... 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. 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. Store away from oxidizing and reducing materials. Store away from sunlight.

SECTION 08: Exposure controls / personal protection

INGREDIENTS	TWA	H TLV STEL	OS PEL	SHA PEL STEL	NIOSH REL
STYRENE	20 ppm No data	40 ppm	100 ppm	Not established	100 ppm
TALC	2 mg/m3	Not established	2 mg/m3	Not established	2 mg/m3
CALCIUM CARBONATE	Not established	Not established	5 mg/m3	Not established	5 mg/m3
CHLORITE	No data No data	No data	No data	No data	No data
SILICA, CRYSTALLINE	No data No data	No data	No data	No data	No data
ALUMINUM	No data 1 mg/m3	No data	No data	No data	No data
2 BUTOXY ETHANOL	20 ppm 20 ppm ACGIH TWA	No data	50 ppm	25 ppm (vacated)	5 ppm
Protective equipment					

Eye/type...... Chemical safety goggles.

Local exhaust ventilation is recommended. Wear an appropriate, properly fitted respirator Respiratory/type..... when contaminant levels exceed the recommended exposure limits.

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

SECTION 08: Exposure controls / personal protection

Clothing/type...... Wear adequate protective clothes. Wear long sleeves and trousers to prevent dermal

exposure.

Footwear/type...... Safety boots per local regulations.

Other/type..... Eye wash facility should be close in proximity. Emergency shower should be in close

proximity.

appropriate, properly fitted respirator when dust levels exceed the recommended exposure

limits.

Exposure limits

SECTION 09: Physical and chemical properties

Physical state..... Paste. No data. Colour..... Hydrocarbon odour. Odour..... Odour threshold (ppm)..... 0.15-25 ppm (Styrene). Vapour pressure (mm Hg)..... No data. Vapour density (air=1)..... Specific gravity..... 1.16 lb/usq - 13.563. Not applicable. pH..... Freezing point (deg C)..... -30°C. Solubility..... Slightly soluble in water. Boiling point (deg C)..... 145°C. Evaporation rate......Flash point (deg C), method..... Moderate. 32°C Closed Cup. Auto ignition temperature (deg C)..... 490°C.

SECTION 10: Stability and reactivity

Stability....... Stable at normal temperatures and pressures.

oxidizing agents.

Magnesium salts. Hydrogen.

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
CHLORITE		No data	No data
SILICA, CRYSTALLINE		No data	No data
ALUMINUM		No data	No data
2 BUTOXY ETHANOL		450 ppm 4 hours rat	470 mg/kg oral rat 400 mg/kg dermal rabbit
Route of entry Effects of acute exposure	The aromatic hydroca throat. In high concer narcosis characterize	tration, they may cause cent	can be irritating to the eyes, nose and ral nervous system depression and sa and dizziness from overexposure by and liver damage.
Effects of chronic exposure	Breathing high conce effects. Skin, conjucti Dermatitis and defatti long-term exposure to and sometimes fatal f	ntrations of vapour may caus va and mucous membranes ng of the skin. This product o o crystalline silica may cause	se anesthetic effects and serious health of upper respiratory tract may be irritated. contains crystalline silica. Excessive silicosis, a form of disabling, progressive and permanent lung damage may result.
Carcinogenicity of material	Quartz (Crystalline Si	lica) is a suspect carcinogen	per IARC and NTP. Styrene is classified

by IARC as a Group 2B carcinogen. This product contains non-asbestiform Talc, which is classified as a Group 3 (not classifiable as to carcinogenicity to humans) by IARC.

SECTION 11: Toxicological information

Toxicological Data

SECTION 12: Ecological information

Environmental..... May be harmful to aquatic life. 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. Do not heat or cut empty containers with electric or gas torch. 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. Empty drums should be reconditioned by a properly licensed drum recycler.

SECTION 14: Transport information

UN3269 - Polyester Resin Kit - Class 3 - Packing Group III - This product meets the TDG Classification..... criterial for Limited Quantity Exemptions when packaged in containers less than 5 litres .

IATA Classification (Air).....

UN3269 - Polyester Resin Kit - Class 3 - Packing Group III. UN3269 - Polyester Resin Kit - Class 3 - Packing Group III - EmS: F-E S-D. IMDG Classification (Marine).....

Marine Pollutant.....

In accordance with Part 2.2.1 of the Transportation of Dangerous Goods Regulations (July Proof of Classification.....

2, 2014) - we certify that classification of this product is correct. .

SECTION 15: Regulatory information

WHMIS classification..... B2. D2A. D2B.

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

Section 313..... Styrene.

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

SARA Title III

Section 302 - extremely hazardous None.

substances

Section 311/312 - hazard categories............ Immediate health, delayed health, fire hazard.

EPA hazardous air pollutants (HAPS) 40CFR63

TSCA inventory status.....

California Proposition 65.....

Styrene.

All components are listed.

This product contains Crystalline Silica (Quartz) known to the State of California to cause cancer. California EPA's Office of Environmental Health Hazard Assessment (OEHHA) has withdrawn Styrene as a potential addition to the list of substances known to the state to

cause cancer (March 1, 2013).

SECTION 16: Other information

REGULATORY AFFAIRS. Prepared by:

(800) 387-7981. Telephone number:.....

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.

JUL02/14 Preparation date:



SECTION 01: Chemical product and company identification

Product name	10040 LIQUID HARDENER
Manufactured for	The Eastwood Company.
	263 Shoemaker Road
	Pottstown, PA 19464
	Tel (800) 343-9353
24 hour emergency number:	IN THE ÚNITED STATES CALL
3 ,	CHEMTREC (800) 424-9300.
Material use	
	than the ones described in this section. For industrial use only - keep out of reach of
	children.
Chemical family	Organic peroxide.
Preparation date	July 14, 2015.
Hazard rate	
NFPA rating	Health: 3 Fire: 2 Reactivity: 2.
HMIS	H: 3 F: 2 R: 2.

SECTION 02: Hazards identification



Signal WordHazard Classification	Flammable Liquid 4. Organic Peroxides Type D. Oxidizing Liquids 2. Acute Toxicity 3. Skin
Hazard Description	corrosion 1. Eye Irritant 2. STOT SE 2. H227 Combustible liquid. H242 Heating may cause a fire. H271 May cause fire or explosion; strong oxidizer. H302 Harmful if swallowed. H314 Causes severe skin burns and
Precautionary Statements	eye damage. H319 Causes serious eye irritation. H335 May cause respiratory irritation. P210 Keep away from heat, sparks, open flames and hot surfaces. No smoking. P220 Keep away from clothing and other combustible materials. P234 Keep only in original packaging. P235 Keep cool. P240 Ground and bond container and receiving equipment. P260 Do not breathe 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
Response	Use only outdoors or in a well ventilated area. P280 Wear protective gloves and eye protection. P283 Wear fire resistant or flame retardant clothing. P301 + P312 If swallowed call a poison control centre. P330 Rinse mouth. P331 Do NOT
·	induce vomiting. P303 + P361 + P353 If on skin or in hair: take off all contaminated clothing immediately. Rinse thoroughly with water and use safety shower. P363 - Wash contaminated clothing before reuse. P304 + P340 - If inhaled remove person to fresh air
	and keep comfortable for breathing. P310 - Immediately call your local poison control centre. P321 - Consult with a doctor or poison control centre if skin is itchy or a skin rash
	develops or you feel unwell. P305 + P351 + P338 If in eyes rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing until medical help arrives. P337 + P313 - If eye irritation persists get medical attention. P306 + P360 IF ON CLOTHING: Rinse immediately contaminated clothing and skin with plenty of
	water before removing clothes. P370 + P378 In case of fire - use dry chemical powder, CO2 or 6% foam. P371 + P380 + P375 In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.
Storage	
Disposal	

SECTION 03: COMPOSITION/INFORMATION ON INGREDIENTS				
HAZARDOUS INGREDIENTS CAS # WT. %				
METHYL ETHYL KETONE PEROXIDE 1338-23-4 30-40				
HYDROGEN PEROXIDE	7722-84-1	1-5		
METHYL ETHYL KETONE	78-93-3	1-5		

SECTION 04: First aid measures

In case of contact, immediately flush eyes, keeping eyelids open, with plenty of water for at Eye contact..... least 15 minutes. Obtain medical attention. 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. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is Inhalation..... difficult, give oxygen, obtain medical attention. Ingestion..... Do not induce vomiting. If ingestion is suspected, contact physician or poison control center immediately. If 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. The main hazard from ingestion is aspiration of the liquid Additional information..... 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. Oxides of carbon (CO, CO2). Ethane and Methane. Extinguishing media.....

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. Cool fire-exposed containers with cold water spray. Heat will cause pressure buildup and may cause explosive rupture.

Unusual fire / explosion hazards..... During a fire, irritating and toxic gases and aerosols may be generated by thermal

decomposition and combustion.

SECTION 06: Accidental release measures

Ventilate. Eliminate all sources of ignition. Isolate area and keep unauthorized people away. Do not walk through spilled material. Wear recommended protective equipment. Leak/spill..... Ventilate. Open windows and doors to allow air circulation. Dike area to prevent spreading. The use of absorbent socks or spill pillows may be required. Stop leak if safe to do so. Prevent runoff into drains, sewers, and other waterways. Contain the spill. Absorb with earth, sand, or another dry inert material. Scrape or shovel into containers. 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. 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 breathing vapours or mist. Ground handling equipment. Handle and open container with care. Employees should

wash hands and face before eating or drinking.

Storage needs.....

Keep away from heat, sparks, and open flames. Keep container closed when not in use. Store in a cool dry place away from organic materials.

SECTION 08: Exposure controls / personal protection

INGREDIENTS	TWA	H TLV STEL	OSHA PEL	A PEL STEL	NIOSH REL
METHYL ETHYL KETONE PEROXIDE	Not Established	Not Established	Not Established	Not Established	Not Established
HYDROGEN PEROXIDE	1 ppm	Not Established	1 ppm TWA; 1.4 mg/m3 TWA	Not Established	1 ppm TWA; 1.4 mg/m3 TWA; 75 ppm IDLH
METHYL ETHYL KETONE	200 ppm	300 ppm	200 ppm	Not established	200 ppm TWA
Eye/type		Liquid chemical goggle exists.	s. Chemical safety goo	ggles and full faceshield	I if a splash hazard
Respiratory/type		******		perly fitted respirator	
Gloves/ typeClothing/type		Chemical resistant gloves.			o prevent dermal
Footwear/typeOther/type		exposure Safety boots per local regulations Emergency shower should be in close proximity. Eye wash facility should be close in proximity.		nould be close in	

SECTION 08: Exposure controls / personal protection

Ventilation requirements...... Local exhaust at points of emission. Use local exhaust or general room ventilation sufficient to prevent overexposure.

SECTION 09: Physical and chemical properties

Physical state	Liquid.
Colour	Colourless.
Odour	Acetone Odour.
Odour threshold (ppm)	No data.
Vapour pressure (mm Hg)	0.04 hPa . Estimated.
Vapour density (air=1)	1.52.
pH	No data.
Specific gravity	1.0.
Freezing point (deg C)	-117°C (-178.6°F).
Solubility	11 mg/l @ 20°C.
Boiling point (deg C)	19°C (66.2°F).
Evaporation rate	2.1.
Flash point (deg C), method	60°C (140°F).
Auto ignition temperature (deg C)	535.0°C (995°F).
Upper flammable limit (% vol)	No data.
Lower flammable limit (% vol)	No data.
Coefficient of water\oil distribution	No data.
VOC	1.5%.
Viscosity	0.65 cP @ 20°C.
-	

SECTION 10: Stability and reactivity

Stability	Unstable. Hazardous and uncontrollable decomposition may occur above 55C. The self-accelerating decomposition temperature is 60C.
Reactivity conditions	Avoid open flames, sparks, heat, electrical and static discharge, storage at high
IncompatibilityHazardous products of decompositionHazardous polymerization	See hazardous combustion products.

SECTION 11: Toxicological information

INGREDIENTS		LC50	LD50
METHYL ETHYL KETONE PEROXIDE		200 ppm (4hr, rat) 170 mg/l (4hr, mouse)	6.86 ml/kg (rat, oral) 500 mg/kg (rabbit, dermal)
HYDROGEN PEROXIDE		No data	No data
METHYL ETHYL KETONE		>5,000 ppm (6 hours, rat) 11000 ppm (45 minutes, mouse)	3,400 mg/kg (rat, oral) >8000 mg/kg (rabbit, dermal) 670 mg/kg (mouse, oral)
Route of entry Effects of acute exposure	Corrosive to eyes. Co Contact with skin can respiratory irritation, d unconsciousness, and gastrointestinal irritation	on, nausea, vomiting, and diarrhea d stomach. Aspiration of material ir	of vapours can cause nasal and a, headache, possible duct may be absorbed and result in May cause burns of the mouth,
Effects of chronic exposure	Prolonged or repeated membranes. May agg	d overexposure can cause damage ravate pre-existing skin and eye dis xposure to MEKP can cause liver a	sorders. May cause respiratory
Carcinogenicity of material	IARC has classified H carcinogenicity to hum	ydrogen Peroxide as a Group 3 - N	lot classifiable as to its
Reproductive effects	3 . ,		

SECTION 12: Ecological information

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

SECTION 13: Disposal considerations

Empty containers must be handled with care due to product residue. Dispose of as an Waste disposal..... 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

This product meets the Limited Quantity exemption when packaged in containers that are TDG Classification..... equal or less than 0.125 litre. When shipping this product in a package greater than 0.125 litre, the classification is "Organic Peroxide, Type D, Liquid (Methyl Ethyl Ketone Peroxide)

- Class 5.2 - UN3105 - PGII".

DOT Classification (Road)..... Organic Peroxide Type D, Liquid (Methyl Ethyl Ketone Peroxide) - UN 3105, Class 5.2, PG

IATA Classification (Air)..... Organic Peroxide Type D, Liquid (Methyl Ethyl Ketone Peroxide) - Class 5.2 - UN3105 -

PĞII.

Organic Peroxide Type D, Liquid (Methyl Ethyl Ketone Peroxide) - Class 5.2 - UN3105 -IMDG Classification (Marine)..... PĞII.

Marine Pollutant..... Potential marine pollutant.

In accordance with Part 2.2.1 of the Transportation of Dangerous Goods Regulations (July Proof of Classification.....

2, 2014) - we certify that classification of this product is correct. .

SECTION 15: Regulatory information

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

OSHA..... This product is not hazardous.

SARA Title III

substances Section 311/312 - hazard categories.....

Immediate health, delayed health. Fire hazard. Pressure. Reactive.

Section 313..... Methyl Ethyl Ketone. Methyl Ethyl Ketone Peroxide. Hydrogen Peroxide.

EPA hazardous air pollutants (HAPS) Methyl Ethyl Ketone.

40CFR63

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

This product does not contain any chemical(s) known to the State of California to cause California Proposition 65.....

cancer or reproductive toxicity.

SECTION 16: Other information

REGULATORY AFFAIRS. Prepared by:

(800) 387-7981. Telephone number:.....

DISCLAIMER: All information appearing herein is based upon data obtained from Disclaimer:..... 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.

Preparation date: JUL14/15