

SECTION 01: Chemical product and company identification

Product name..... 13522Z SPRAYABLE POLYESTER PRIMER-SURFACER GRAY THE EASTWOOD COMPANY Manufactured for..... 263 SHOEMAKER ROAD POTTSTOWN, PA IN THE UNITED STATES CALL INFOTRAC (800) 535-5053. 24 hour emergency number:..... Recommended use and restrictions on use... Automotive. Paints. For industrial use only - keep out of reach of children. This product should not be used for any other purpose other than the ones described in this section. Chemical family..... Mixture. Hazard rating

NFPA rating..... Health: 2 Fire: 3 Reactivity: 0. HMIS..... H: 2 F: 3 R: 0.

SECTION 02: Hazards identification



DANGER. Signal Word..... Flammable Liquid 2. Skin Irritant 2. Single Target Organ Toxicity - Single Exposure 3. Hazard Classification..... STOT RE 1. H225 Highly flammable liquid and vapour. H315 Causes skin irritation. H335 May cause Hazard Description..... respiratory irritation. H336 May cause drowsiness or dizziness. H372 Causes damage to the liver and kidneys through prolonged or repeated exposure. 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. P241 Use explosion proof equipment. P242 Use only non-sparking tools. P243 Take Prevention..... precautionary measures against static discharge. 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. P280 Wear protective gloves and eye protection. P302 + P352 - If on skin: wash with plenty of water. . P303 + P361 + P353 If on skin or in hair: take off all contaminated clothing immediately. Rinse thoroughly with water and use Response safety shower . P321 - For specific treatment see section 4 on this SDS. P332 + P313 - If skin irritation occurs get medical attention or advice. P362 + P364 - Take off contaminated clothing and wash before reuse. P304 + P340 - If inhaled remove person to fresh air and keep comfortable for breathing. P312 Call a POISON CENTER/doctor if you feel unwell. P314 - Get medical advice/attention if you feel unwell. P370 + P378 In case of fire - use dry chemical powder, CO2 or foam to extinguish. P233 Keep container tightly closed. P403 + P235 Store in well ventilated area. Keep cool. Storage..... P405 Store locked up. P501 Dispose all unused, waste or empty containers in accordance with local regulations. Disposal.....

SECTION 03: Composition/Information on Ingredients			
HAZARDOUS INGREDIENTS CAS # WT. %			
Talc	14807-96-6	30-40	
Styrene	100-42-5	15-25	
Ethyl Acetate	141-78-6	5-10	
Titanium Dioxide	13463-67-7	1-5	
Mineral Spirits	8052-41-3	0.1-1	

SECTION 04: First aid measures

SECTION 05: Fire fighting measures

"Alcohol" foam, CO2, dry chemical.

Oxides of carbon (CO, CO2).

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

Leak/spill.....

Ventilate. Eliminate all sources of ignition. Contain the spill. Avoid all personal contact. 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 ammonia (3-8%) and detergent (2%).

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 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.

Storage needs.....

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	IH TLV STEL	OSH PEL	IA PEL STEL	NIOSH REL
Talc	2 mg/m3	Not established	2 mg/m3 TWA	3 mg/m3 - QUE	Not established
Styrene	20 ppm	40 ppm	100 ppm	Not established	100 ppm
Ethyl Acetate	400 ppm	Not established	400 ppm	Not established	400 ppm
Titanium Dioxide	10 mg/m3	Not established	15 mg/m3	Not established	Not established
Mineral Spirits	525 mg/m3	Not established	Not established	Not established	Not established
Respiratory/type Gloves/ type Clothing/type Footwear/type Other/type	ing controls	 Local exhaust ventilation is recommended. Wear an appropriate, properly fitted respiration when contaminant levels exceed the recommended exposure limits. Chemical resistant gloves. Wear adequate protective clothes. Safety boots per local regulations. Emergency showers and eye wash stations should be available. 		below airborne	

SECTION 08: Exposure controls / personal protection

Appropriate engineering controls.....

VOC.....

contamination, such as open process equipment, or during purging operations, to capture gases and fumes that may be emitted. Standard reference sources regarding industrial ventilation (ie. ACGIH industrial ventilation) should be consulted for guidance about adequate ventilation.

SECTION 09: Physical and chemical properties

Physical state..... Paste. Colour..... Hydrocarbon odour. Odour..... Odour threshold (ppm)..... Not available. Vapour pressure (mm Hg)..... Not available. Vapour density (air=1)..... Not applicable.Hq Melting / Freezing point (deg C)..... -30°C Slightly soluble in water. 77°C (171°F). Moderate. Evaporation rate..... Flash point (deg C), method..... - 4°C closed cup. 490°C. Auto ignition temperature (deg C)..... Upper flammable limit (% vol)...... Lower flammable limit (% vol)..... 13%. 1.1%. Coefficient of water\oil distribution..... Not available. Decomposition temperature..... Not available. 1.511 - 12.607 lb/usg (1510.69 g/L). 1998 cps Brookfield Spindle #4 @ 20 rpm. Relative Density (Specific Gravity)..... Viscosity.....

SECTION 10: Stability and reactivity

1.7 lb/usg - 203.704 g/L.

Hazardous decomposition products...... Oxides of carbon (CO,CO2).

Possibility of hazardous reactions...... Will not occur under normal temperature and pressure.

SECTION 11: Toxicological information

INGREDIENTS		LC50	LD50
Talc	1	Not available	Not available
Styrene	2	2770 ppm 4 hr rat	5000 mg/kg rat oral
Ethyl Acetate	•	16,000 ppm 6 hours rat	5,600 mg/kg rat oral
Titanium Dioxide	1	Not Available	> 10,000 mg/kg rat oral > 10,000 mg/kg rabbit dermal
Mineral Spirits	Ę	5500 ppm (4 hrs)	5000 mg/kg (oral, rat)
Route of entry Effects of acute exposure Effects of chronic exposure	Can cause moderate skin irritation. Causes respiratory tract irritation. Breathing high concentrations of vapour may cause anesthetic effects and serious health.		
Carcinogenicity of material	effects. Intentional misuse by deliberately concentrating and inhaling this product may be harmful or fatal. IARC has classified Titanium Dioxide 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. IARC has listed Styrene as a group 2B carcinogen.		

SECTION 12: Ecological information

Persistence and degradability...... Not available.



SECTION 13: Disposal considerations

Empty containers must be handled with care due to product residue. This material and its Waste disposal..... container must be disposed of as hazardous waste. Avoid release to the environment.

SECTION 14: Transport information

UN1263 - PAINT - Class 3 - Packing Group II - This product meets limited quantity TDG Classification.....

exemption when shipped in containers less than 5 litres. UN1263 - PAINT - Class 3 - Packing Group II.

IATA Classification (Air).....

IMDG Classification (Marine)..... UN1263 - Paint - Class 3 - Packing Group II - EmS: F-E S-E.

Marine Pollutant.....

Proof of Classification..... In accordance with Part 2.2.1 of the Transportation of Dangerous Goods Regulations (July 2, 2014) - we certify that classification of this product is correct. .

SECTION 15: Regulatory information

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

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

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

SARA Title III Section 302 - extremely hazardous None.

substances

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

Section 313..... Styrene. Ethyl acetate.

EPA hazardous air pollutants (HAPS) Styrene.

California Proposition 65...... California is in the process of listing Titanium Dioxide to Proposition 65 as a known

carcinogen.

SECTION 16: Other information

REGULATORY AFFAIRS. Prepared by:

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

Disclaimer:.... 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.

APR 14/2016 Preparation date:

Powered by



SECTION 01: Chemical product and company identification

Product nameManufactured for	LIQUID HARDENER
Manufactured for	The Eastwood Company 263 Shoemaker Road
	Pottstown, PA 19464
	Tel (800) 343-9353
24 hour emergency number:	IN THE UNITED STATES CALL CHEMTREC (800) 424-9300
	.
Material use	Accelerator and activator. This product should not be used for any other purpose other than the ones described in this section. For industrial use only - keep out of reach of children.
Chemical family	Organic peroxide.
Chemical family 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	DANGER. 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 Use only outdoors or in a well ventilated area. P280 Wear protective gloves and eye
Response	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	P403 + P233 Store in a well ventilated area. Keep container tightly closed. P405 Store locked up. P411 Store at temperatures not exceeding 60°C / 140°F. P420 Store separately.
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

Extinguishing media.....

"Alcohol" foam, CO2, dry chemical. Oxides of carbon (CO, CO2). Ethane and Methane. Hazardous combustion products.....

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. 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.....

proximity.

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 ACGI	H TLV STEL	OSHA PEL	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		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 goggles. Chemical safety goggles and full faceshield if a splash hazard exists.			if a splash hazard
Respiratory/type		*******			perly fitted respirator
Gloves/ type Clothing/type		Chemical resistant gloves.		prevent dermal	
Footwear/typeOther/type		Safety boots per local regulations Emergency shower should be in close proximity. Eye wash facility should be close in		ould 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..... Colourless. Colour..... 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. -117°C (-178.6°F). Freezing point (deg C)..... 11 mg/l @ 20°C. Solubility..... Boiling point (deg C)..... 19°C (66.2°F). 2.1. 60°C (140°F) 535.0°C (995°F). Upper flammable limit (% vol)..... Lower flammable limit (% vol)..... No data. No data. Coefficient of water\oil distribution..... No data. VOC..... 1.5%. 0.65 cP @ 20°C. Viscosity.....

SECTION 10: Stability and reactivity

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			
Effects of chronic exposure	Prolonged or repeated membranes. May agg	d overexposure can cause damage ravate pre-existing skin and eye dis	sorders. May cause respiratory
Carcinogenicity of material		posure to MEKP can cause liver ar ydrogen Peroxide as a Group 3 - N nans.	

SECTION 12: Ecological information

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

Reproductive effects

SECTION 13: Disposal considerations

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

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

Immediate health, delayed health. Fire hazard. Pressure. Reactive. Section 311/312 - hazard categories.....

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