

SAFETY DATA SHEET

ElastiWrap™ Torqued Yellow

Part No. 15117Z Aerosol
 February 23, 2015
 Revision 4
 Page 1 of 7

SECTION 1 - IDENTIFICATION

Product Identifier

Product Name *ElastiWrap™ Torqued Yellow - 15117Z*

Other Means of Identification *None*

Recommended Use and Restrictions on Use

Use *Multipurpose, removable rubber*

Recommended Use *coating. None Identified*

Restrictions on Use

24 hr Emergency

Phone Number

800-424-9300

SUPPLIER DETAILS	
Name	<i>The Eastwood Company</i>
Address	<i>263 Shoemaker Road Pottstown PA 19464</i>
Phone Number	<i>800-343-9353</i>
Fax Number	<i>610-323-6268</i>

SECTION 2 - IDENTIFICATION

Hazard Classification

HEALTH HAZARDS				PHYSICAL HAZARDS			
Acute Tox. Oral	<input type="checkbox"/>	Mutagenicity	<input type="checkbox"/>	Unstable Explosive	<input type="checkbox"/>	Refrigerated Liq. Gas	<input type="checkbox"/>
Acute Tox. Skin	<input type="checkbox"/>	Carcinogenicity	<input type="checkbox"/>	Explosive	<input type="checkbox"/>	Flammable Liquid	<input type="checkbox"/>
Acute Tox. Inhalation	<input type="checkbox"/>	Tox. to Reproduction	<input type="checkbox"/>	Flammable Gas	<input type="checkbox"/>	Flammable Solid	<input type="checkbox"/>
Skin Irritation	<input type="checkbox"/>	STOT SE	<input type="checkbox"/>	Aerosol	<input checked="" type="checkbox"/> 1	Self-Reactive Sub.	<input type="checkbox"/>
Eye Irritation	<input type="checkbox"/>	STOT RE	<input type="checkbox"/>	Oxidizing Gas	<input type="checkbox"/>	Pyrophoric Liquid	<input type="checkbox"/>
Resp. Sensitization	<input type="checkbox"/>	Aspiration Hazard	<input checked="" type="checkbox"/> 1	Gas Under Pressure	<input checked="" type="checkbox"/> X	Self-Heating Substance	<input type="checkbox"/>
Skin Sensitization	<input type="checkbox"/>		<input type="checkbox"/>	ENVIRONMENTAL HAZARDS (GHS Rev 3 Only)			
	<input type="checkbox"/>		<input type="checkbox"/>	Aquatic Acute	<input type="checkbox"/>	Aquatic Chronic	<input type="checkbox"/>
						Ozone Depleting	<input type="checkbox"/>

Signal Word

Danger!

Hazard Pictograms



Hazard Statements

Extremely flammable aerosol. Contains gas under pressure; may explode if heated. May be fatal if swallowed and enters airways.

Precautionary Statements

General *Keep out of reach of children.*

Prevention *Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use.*

Response *IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.*

Storage *Store in a well-ventilated place. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.*



SAFETY DATA SHEET

ElastiWrap™ Torqued Yellow

Part No. 15117Z Aerosol

February 23, 2015

Revision 4

Page 2 of 7

Disposal

Dispose of contents/container in accordance with local regulations.

Hazards Not Otherwise Classified

None identified.

Unknown Acute Toxicity

40.9 % by wt

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

ID	INGREDIENT	CAS NUMBER	% WT RANGE*
1	Propane	000074-98-6	15 - 40
2	Tert-Butyl Acetate	0000540-88-5	15 - 40
3	Mineral Spirits	0064742-88-7	10 - 30
4	V M & P Naphtha	0064742-89-8	10 - 30

* Exact percentages of composition withheld as trade secret

SECTION 4 - FIRST AID MEASURES

Description of First-Aid Measures

General

If exposed or concerned seek medical advice/attention.

Eye Contact

Immediately flush with clear water for at least 15 minutes, including under the eyelids. Consult a doctor.

Skin Contact

Remove with soap and water, rinsing and repeating for 15 minutes. Use skin cream to counter any resulting dryness. Consult a physician if irritation continues. If large skin area is affected, remove contaminated clothing.

Ingestion

Do not induce vomiting! Immediately have the victim drink plenty of water. Do not give milk or digestible oils. Keep airways free. Contact a physician. Never give anything by mouth if victim is rapidly losing consciousness, unconscious, or convulsing.

Inhalation

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if symptoms persist or if unconscious.

First-Aid Responder Protection

Wear adequate personal protective equipment based on the nature and severity of the emergency.

Most Important Symptoms and Effects, Both Acute and Delayed

Eye Contact

Liquid contact may cause pain along with moderate eye irritation.

Skin Contact

Prolonged or repeated exposure may cause skin irritation. Repeated contact may cause drying or flaking of skin. May cause more severe response if confined to skin.

Ingestion

Due to being an aerosol, the product does not lend itself to ingestion. Should ingestion occur, it may cause irritation to membranes of the mouth, throat, and gastrointestinal tract resulting in vomiting and/or cramps. Aspiration of vomit into the lungs may cause inflammation, and possible chemical pneumonitis, bronchopneumonia, or pulmonary edema.

Inhalation

Prolonged or repeated overexposure is anesthetic. May cause irritation of the respiratory tract, or acute nervous system depression characterized by headache, dizziness, staggering gait, confusion or death. Irritation of the mucous membranes, coughing, and dyspnea are also possible.

Indication of Immediate Medical Attention and Special Treatment

Notes to Physician

Treat symptomatically.

Specific Treatments/Antidotes

No information available.

Immediate Medical Attention

No information available.

SECTION 5 - FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Water, CO₂, dry chemical, or universal aqueous film forming foam

Unsuitable Extinguishing Media

Water jet

Specific Hazards Arising from the Chemical or Mixture

Decomposition Products

Oxides of carbon (CO, CO₂), smoke, and/or vapors

ElastiWrap™ Torqued Yellow

Hazards from the Product

CONTENTS EXTREMELY FLAMMABLE AND UNDER PRESSURE. In a fire or if heated, a pressure increase will occur which may result in the container bursting. Vapors heavier than air may spread along the ground and travel to an ignition source.

Advice for Firefighters**Protective Actions**

Use water spray to cool fire exposed containers as contents may rupture violently from heat developed pressure.

Protective Equipment

As with any fire wear SCBA pressure-demand, MSHA/NIOSH approved, and full protective gear.

SECTION 6 - ACCIDENTAL RELEASE MEASURES**Personal Precautions, Protective Equipment and Emergency Procedures****For Non-Emergency Personnel**

No action should be taken by non-emergency personnel without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spill. Remove ignition sources and provide adequate ventilation only if it is safe to do so.

For Emergency Responders

Use personal protection as recommended in Section 8. Observe precautions provided for non-emergency personnel.

Environmental Precautions**Precautions**

Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination.

Methods and Materials for Containment and Cleaning Up**Containment Procedures**

Product is an aerosol, therefore spills and leaks are unlikely. In case of rupture, released content may be contained with oil/solvent absorbent pads, socks, and/or absorbents. DO NOT use combustible material such as sawdust.

Cleanup Procedures

Spills from aerosol cans are unlikely and are generally of small volume. Large spills are therefore not normally considered a problem. In case of actual rupture, avoid breathing vapors and ventilate area well. Remove sources of ignition and use non-sparking equipment. Soak up material with inert absorbent and place in safety containers for proper disposal.

Other Information

Aerosol products represent a limited hazard and will not spill or leak unless ruptured. In case of rupture contents are generally evacuated from the can rapidly. Area should be ventilated immediately and continuous ventilation provided until all fumes and vapors have been removed. Aerosol cans should never be incinerated or burned. See Section 13 for disposal.

Prohibited Materials

Combustible absorbent material such as sawdust, use of equipment that may cause sparking.

SECTION 7 - HANDLING AND STORAGE**Precautions for Safe Handling****General Handling Precautions**

KEEP OUT OF THE REACH OF CHILDREN. Avoid prolonged or repeated skin contact. Avoid breathing of vapors. Do not incinerate (burn) containers. Always replace overcap when not in use. Avoid use around open flames or other sources of ignition. Exposure to heat or prolonged exposure to sun may cause can to burst. Use only with adequate ventilation, opening doors or windows to achieve cross-ventilation. Wash hands after use.

Hygiene Recommendations

Do not eat, drink or smoke when using this product. Wash hands thoroughly after use. Remove contaminated clothing and protective equipment before entering eating or smoking areas.

Conditions for Safe Storage Including Any Incompatibilities**Storage Requirements**

Storage of individual cans should be done in an area below 50 °C (122 °F), and away from heat sources. Ensure can is in a secure place to prevent knocking over and accidental rupture. For storage of pallet quantities, compliance with NFPA 30B (Manufacture and Storage of Aerosol Products) is recommended. This product is classified as a Level 3 Aerosol.

Incompatibilities

Segregate storage away from materials indicated in Section 10

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters

Occupational Exposure Limits

ID	PEL	OSHA STEL	CEILING	IDLH	REL	NIOSH STEL	CEILING	TLV	ACGIH STEL	CEILING	AIHA WEEL
1	1000 ppm	—	2100 ppm	1000 ppm	—	—	1000 ppm	—	—	—	—
2	200 ppm	—	1500 ppm	200 ppm	—	—	200 ppm	—	—	—	—

Biological Exposure Indices

ID	DETERMINANT	SAMPLING TIME	BEI	NOTATION
—	—	—	—	—

Other Control Parameters

Not Available

Appropriate Engineering Control

Engineering Measures

Use only with adequate ventilation. General ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Local exhaust ventilation or an enclosed handling system may be necessary to control air contamination below that of the lowest OEL from the table above.

Individual Protection Measures

Hygiene Considerations

Avoid breathing vapors and contact with the skin and eyes. Always replace overcap when not in use. Keep out the reach of children. Wash hands after use.

Thermal Protection

This product does not present a thermal hazard.

Respiratory Protection

An approved respirator with organic vapor cartridge may be permissible under certain circumstances where airborne concentrations are expected to exceed occupational exposure limits. If respirators are needed, in the United States compliance with OSHA standard 29 CFR 1910.134 is necessary.

Skin Protection

For brief contact, no precautions other than clean body-covering clothing should be needed. When prolonged or repeated contact could occur, use protective clothing impervious to the ingredients listed in Section 2.

Eye/Face Protection

Safety glasses with side shields are recommended as a minimum for any type of industrial chemical handling. Where eye contact with this material could occur, chemical splash proof goggles are recommended.

Other Protective Equipment

Safety showers and eye-wash stations should be available in the workplace near where the material will be used.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical Properties

Boiling Point	> 85.0 °C (185.0 °F)	Melting / Freezing Point	Not Determined
Flash Point, Liquid	> 4.4 °C (40.0 °F)	Flash Point, Propellant	-104.4 °C (-156.0 °F)
Explosive Limits	1.00% - 8.00%	Autoignition Temperature, Liquid	Not Determined
Flammability	Extremely Flammable Aerosol	Relative Density (H₂O = 1)	0.683 g/cc
Molecular Weight	Not Available	Weight	5.696 lbs/gal
Vapor Pressure	108.00 psig	pH	Not Available
Vapor Density	Not Available	Evaporation Rate	Not Available
Form	Pressurized Product	Partition Coefficient	Not Available
Viscosity	Not Available	Refractive Index	Not Available
Odor Threshold	Not Available	Heat of Combustion (Δ H_c)	Not Available
Odor	Solvent odor	Water Solubility	Not Available
Appearance / Color	Yellow color	Decomposition Temperature	Not Available

Air Quality Properties

Percent Volatile	85% Wt (87% Vol) Max	VOC Regulatory	4.814 lbs/gal (576.727 g/L)
Percent VOC	85% Wt (87% Vol) Max	VOC Actual	4.814 lbs/gal (576.727 g/L)

SAFETY DATA SHEET

ElastiWrap™ Torqued Yellow

Percent HAP	None	HAP Content	None
Solids/Non Volatile Content	16% Wt (14% Vol) Max	Maximum Incremental Reactivity	0.641 g O3/g
Global Warming Potential	0.990		

SECTION 10 - STABILITY AND REACTIVITY

Reactivity	No specific test data related to reactivity is available for this product or its ingredients.
Chemical Stability	This product is stable.
Hazardous Reactions	Under normal conditions of storage and use, hazardous reactions are not expected to occur.
Conditions to Avoid	Keep away from heat, sparks, flame, and red hot metal.
Material Incompatibility	Acids, Alkalis, Halogens, Strong Oxidizing Agents
Decomposition Productions	Oxides of Carbon, Acetic Acid, tert-Butanol may be formed depending on fire conditions.

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute Toxicity Estimates (mixture)

Oral LD₅₀	4505 mg/kg
Dermal LD₅₀	4707 mg/kg
Inhalation LC₅₀	1231 mg/L 4-hour

Acute Toxicity on Ingredients

ID	ORAL LD50		DERMAL LD50		INHALATION LC50		
	VALUE	SPECIES	VALUE	SPECIES	VALUE	TIME	SPECIES
1	—	—	—	—	658 mg/L	4h	rat
2	4100 mg/kg	rat	—	—	—	—	—
3	5000 mg/kg	rat	3000 mg/kg	rabbit	5500 ppm	4h	rat
4	5000 mg/kg	rat	3000 mg/kg	rabbit	—	—	—

Health Hazard Classification

Skin Corrosion / Irritation	Classification criteria not met
Eye Damage / Irritation	Classification criteria not met
Respiratory Irritation	Classification criteria not met
Respiratory / Skin Sensitization	Classification criteria not met
Germ Cell Mutagenicity	Classification criteria not met
Reproductive Toxicity	Classification criteria not met
STOT - Single Exposure	Classification criteria not met
STOT - Repeated Exposure	Classification criteria not met
Aspiration Hazard	Category 1
Carcinogen Data	

ID	Calif Prop-65	OSHA	NIOSH	ACGIH	NTP	IARC
	No	No	No	No	No	No

Information on the Likely Routes of Exposure

Routes of Exposure	Skin contact, skin absorption, eye contact, inhalation
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Information on Physical, Chemical and Toxicological Effects

Symptoms of Exposure	Asphyxia, Central Nervous System Depression, Chemical Pneumonitis, Confusion, Dermatitis, Dizziness, Excitation, Upper Respiratory System Irritation
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Delayed and Immediate Effects and also Chronic Effects from Short and Long-Term Exposure

Delayed Effects	No known delayed effects.
Immediate Effects	No known immediate effects.

SAFETY DATA SHEET

ElastiWrap™ Torqued Yellow

Part No. 15117Z Aerosol
 February 23, 2015
 Revision 4
 Page 6 of 7

Chronic Effects

Reports have associated repeated and prolonged occupational overexposure to solvents with irreversible brain and nervous system damage (sometimes referred to as "Solvent or Painter's Syndrome"). Intentional misuse by concentrating and inhaling this product may be harmful or fatal.

Medical Conditions Aggravated

May aggravate personnel with pre-existing disorders associated with any of the Target Organs.

Target Organs

Central Nervous System, Eyes, Respiratory System, Skin

SECTION 12 - ECOLOGICAL INFORMATION

Acute Aquatic Toxicity

ID	FISH			INVERTEBRATES			AQUATIC PLANTS			MICROORGANISMS		
	TYPE	VALUE	PERIOD	TYPE	VALUE	PERIOD	TYPE	VALUE	PERIOD	TYPE	VALUE	PERIOD
2	LC50	361 mg/L	96h	EC50	3968 mg/L	48h	—	—	—	—	—	—
3	LC50	500 mg/L	96h	EC50	>100 mg/L	48h	EC50	450 mg/L	96h	—	—	—

Ecological Data

ID	PERSISTENCE	PERSISTENCE AND DEGRADABILITY BOD	ThOD	BIOACCUMULATIVE POTENTIAL Pow / Kow	POTENTIAL BCF	MOBILITY Koc
1	—	—	—	2.36 log Pow	1.47 log BCF	2.36 log Koc
3	57% / 25 days	—	0.47 mg/g	3.3 log Pow	—	—
4	95% / 28 days	—	—	2.1 log Pow	—	—

Other Adverse Effects

No additional information available.

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste Disposal

Characteristics and waste stream classification can change with product use and location. It is the responsibility of the user to determine the proper storage, transportation, treatment, and/or disposal methodologies for spent materials and residues at the time of disposition. All waste must be disposed of in compliance with the respective national, federal, state, and/or local regulations.

Waste Disposal of Packaging

An aerosol container that does not contain a significant amount of liquid would meet the definition of scrap metal (40 CFR 261.1(c)(6)), and would be exempt from RCRA regulation under 40 CFR 261.6(a)(3)(iv) if it is to be recycled. If containers are to be disposed of (not recycled) it must be managed under all applicable RCRA and state regulations.

Landfill Precautions

Not available

Incineration Precautions

**** DO NOT INCINERATE ** CONTENTS UNDER PRESSURE ****

SECTION 14 - TRANSPORTATION INFORMATION

Transportation Information
UN Number
Ground Transportation (DOT)

UN1950

Proper Shipping Name

Aerosols, Limited Quantity

Hazard Class(es)

2.1

Packaging Group

—

Marine Pollutant

No

Hazard Label(s)

Air Transportation (IATA)

UN1950

Aerosols, Flammable, Limited Quantity

2.1

—

No


Ocean Transportation (IMDG)

UN1950

Aerosols, Limited Quantity

2.1

—

No



SAFETY DATA SHEET

ElastiWrap™ Torqued Yellow

SECTION 15 - REGULATORY INFORMATION

Federal Regulations

ID	TSCA LISTED	SARA 302 EHS TPQ	RCRA	CERCLA	SARA 313	FIRE	REACTIVITY	SARA 311/312 ACUTE	CHRONIC	PRESSURE	CLEAN AIR ACT HAP	CLEAN AIR ACT SOCMI	CLEAN WATER ACT
1	Yes	—	—	—	—	Yes	—	—	—	—	—	—	—
2	Yes	—	—	5000	—	Yes	—	—	—	—	—	—	5000
3	Yes	—	—	—	—	—	Yes	—	—	—	—	—	—
4	Yes	—	—	—	—	—	Yes	—	—	—	—	—	—

State Regulations

ID	CA P-65	DE RQ	MA RTK CODES	ME TYPE	ME RQ	RTK	MN AIR	WATER	NJ RTK	AIR	NY LAND	ACUTE	PA LISTED	WA PEL TWA	WI TABLE	WV TAP
1	—	F 1000 **	2,4,5,6	—	—	AP	—	—	Yes	—	—	—	Yes	1000 ppm	—	—
2	—	5000	2,4 F8	—	—	AO	—	—	—	5000	1	—	Yes-E	200 ppm	—	—

SECTION 16 - OTHER INFORMATION

SDS Revision History

Revision 1, 02/19/2014, Original in GHS Version 4 Format.
 Revision 2, 08/05/2014, Changed name from ElastiDip to ElastiWrap.
 Revision 3, 11/03/2014, Updated formula.
 Revision 4, 02/23/2015, Amended to GHS Version 3 Format and updated formula.

SDS Compliance

This SDS complies with the below listed regulations only. For SDS that comply with other countries, please contact our Regulatory Department.

OSHA Hazard Communication Standard (HCS 2012) 29 CFR 1910.1200
 Globally Harmonized System of Classification and Labeling of Chemicals (GHS) Revision 3

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