SAFETY DATA SHEET

Rubberized Rust Encapsulator

SECTION 1 - IDENTIFICATION

Product Identifier

Product Name *Rubberized Rust Encapsulator - 11864ZP*

Other Means of Identification *None*

24 hr Emergency Phone Number

800-424-9300

Recommended Use and Restrictions on Use

Recommended Use *Automobile Rust Encapsulator*

Restrictions on Use *None Identified*

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

SECTION 2 - HAZARD(S) IDENTIFICATION

Hazard Classification

HEALTH HAZARDS				PHYSICAL HAZARDS					
Acute Tox. Oral	4	Mutagenicity		Unstable Explosive		Refrigerated Liq. Gas		Pyrophoric Solid	
Acute Tox. Skin		Carcinogenicity	2	Explosive		Flammable Liquid	2	Emits Flammable Gas	
Acute Tox. Inhalation		Tox. to Reproduction	2	Flammable Gas		Flammable Solid		Oxidizing Liquid	
Skin Irritation	2	STOT SE	3	Aerosol		Self-Reactive Sub.		Oxidizing Solid	
Eye Irritation	2	STOT RE	2	Oxidizing Gas		Pyrophoric Liquid		Organic Peroxide	
Resp. Sensitization		Aspiration Hazard	1	Gas Under Pressure		Self-Heating Substance		Corrosive to Metal	
Skin Sensitization				**ENVIRONMENTAL HAZARDS** *(GHS Rev 3 Only)*					
				Aquatic Acute		Aquatic Chronic		Ozone Depleting	

Signal Word *Danger!*

Hazard Pictograms

Hazard Statements *Highly flammable liquid and vapour. May be fatal if swallowed and enters airways. Causes skin and serious eye irritation. May cause drowsiness or dizziness. Suspected of causing cancer. May damage fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure.*

Precautionary Statements

General *Keep out of reach of children.*

Prevention *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. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe fumes. Wash hands thoroughly after handling. Do not eat, drink, or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves and eye protection.*

Response *If exposed, concerned or feel unwell: Call a doctor. IF SWALLOWED: Immediately call a POISON CENTER. Rinse mouth. Do NOT induce vomiting. IF ON SKIN (hair): Wash with plenty of water. Take off immediately all contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice. IF INHALED: Remove person to fresh air and keep comfortable for breathing. 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: Get medical advice. If case of a fire: Use water, CO2, dry chemical, or universal aqueous film forming foam to extinguish.*

Storage *Store in a well-ventilated place. Store locked up. Keep container tightly closed. Keep cool.*

Disposal *Dispose of contents/container in accordance with local regulations.*

Hazards Not Otherwise Classified *None identified.*

Unknown Acute Toxicity *25 % by wt*

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

ID	INGREDIENT	CAS NUMBER	% WT RANGE*
1	Toluene	0000108-88-3	30 - 60
2	Acetone	0000067-64-1	10 - 30
3	Calcium Carbonate	0001317-65-3	5 - 10
4	V M & P Naphtha	0064742-89-8	5 - 10
5	Quarternary Ammonium Compounds	0068953-58-2	5 - 10
6	Propylene Carbonate	0000108-32-7	1 - 5
7	Propylene Glycol Methyl Ether Acetate	0000108-65-6	1 - 5
8	Carbon Black	0001333-86-4	1 - 5

** 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 *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 oedema.*

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*
Hazards from the Product	*CONTENTS HIGHLY FLAMMABLE. 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	*Released content may be contained with oil/solvent absorbent pads, booms, and/or absorbents.*
Cleanup Procedures	*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	*The North American Emergency Response Guidebook or similar resources providing emergency response information for dealing with accidents, spills, leaks, and/or fires involving dangerous goods.*
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. When using in spray application, conformance to NFPA 33 Spray Applications using Flammable and Combustible Materials is recommended.*
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 flammable materials should conform to NFPA 30 Flammable and Combustible Liquid. Keep containers tightly closed and stored in a well-ventilated place. Keep away from sources of ignition.* *Empty containers retain 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; they may explode and cause injury or death. Do not attempt to clean since residue is difficult to remove. Empty drums should be completely drained, properly bunged, and promptly returned to a drum reconditioner. All other containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.*
Incompatibilities	*Segregate storage away from materials indicated in Section 10*

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters

Occupational Exposure Limits

ID	OSHA			NIOSH				ACGIH			AIHA
	PEL	STEL	CEILING	IDLH	REL	STEL	CEILING	TLV	STEL	CEILING	WEEL
1	200 ppm	–	300 ppm	500 ppm	100 ppm	150 ppm	–	50 ppm	150 ppm	–	–
2	1000 ppm	–	–	2500 ppm	250 ppm	–	–	250 ppm	500 ppm	–	–
3	5 mg/m3	–	–	–	10T mg/m3	–	–	–	–	–	–
8	3.5 mg/m3	–	–	1750 mg/m3	3.5 mg/m3	–	–	3 mg/m3	–	–	–

Biological Exposure Indices

ID	DETERMINANT	SAMPLING TIME	BEI	NOTATION
1	o-Cresol in urine	End of shift	0.5 mg/L	B
2	Acetone in urine	End of shift	50 mg/L	Ns

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, 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	*Not Determined*	***Melting / Freezing Point***	*Not Determined*
Flash Point, Liquid	*> -20.0 °C (-4.0 °F)*		
Explosive Limits	*Not Determined*	***Autoignition Temperature, Liquid***	*Not Determined*
Flammability	*Category 2 Liquid*	***Relative Density (H2O = 1)***	*0.955 g/cc*
Molecular Weight	*Not Available*	***Weight***	*7.972 lbs/gal*
Vapor Pressure	*Not Determined*	***pH***	*Not Available*
Vapor Density	*Not Available*	***Evaporation Rate***	*Not Available*
Form	*Liquid*	***Partition Coefficient***	*Not Available*
Viscosity	*Not Available*	***Refractive Index***	*Not Available*
Odor Threshold	*Not Available*	***Heat of Combustion (△Hc)***	*Not Available*
Odor	*Paint-like*	***Water Solubility***	*Not Available*
Appearance / Color	*Not Available*	***Decomposition Temperature***	*Not Available*

Air Quality Properties

Percent Volatile	*74% Wt (84% Vol) Max*	***VOC Regulatory***	*5.586 lbs/gal (669.381 g/L)*
Percent VOC	*54% Wt (61% Vol) Max*	***VOC Actual***	*4.29 lbs/gal (513.961 g/L)*
Percent HAP	*27% Wt (17% Vol) Max*	***HAP Content***	*3.444 lbs/gal (412.651 g/L)*
Solids/Non Volatile Content	*1% Wt (1% Vol) Max*	***Maximum Incremental Reactivity***	*1.957 g O3/g*
Global Warming Potential	*1.253*		

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, Activated Carbon, Alkali Metals, Alkalis, Aluminum, Bases, Copper, Halogens, Hexachloromelamine, Hydrogen Peroxide, Isoprene, Nitrogen Tetroxide, Silver Perchlorate, Strong Acids, Strong Oxidizing Agents, Strong Reducing Agents, Sulfur Dichloride, Tetranitromethane, Trichloromelamine, Uranium Hexafluoride*

Decomposition Productions — *Oxides of Carbon, Acetic Acid, Formaldehyde fumes, Hydrogen Peroxide, Methanol may be formed depending on fire conditions.*

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute Toxicity Estimates *(mixture)*

Oral LD_{50}	*1024 mg/kg*
Dermal LD_{50}	*8792 mg/kg*
Inhalation LC_{50}	*9619 mg/L 4-hour*

Acute Toxicity on Ingredients

ID	ORAL LD50		DERMAL LD50		INHALATION LC50		
	VALUE	SPECIES	VALUE	SPECIES	VALUE	TIME	SPECIES
1	636 mg/kg	rat	12124 mg/kg	rabbit	49000 mg/m3	4h	rat
2	5800 mg/kg	rat	20000 mg/kg	rabbit	50100 mg/m3	8h	rat
4	5000 mg/kg	rat	3000 mg/kg	rat	3400 ppm	4h	rat
6	>5000 mg/kg	rat	>5000 mg/kg	rabbit	--	--	–
7	8532 mg/kg	rat	7500 mg/kg	rabbit	>5320 ppm	4h	rat
8	>15400 mg/kg	rat	>3000 mg/kg	rabbit	6750 mg/m3	4h	rat

Health Hazard Classification

Skin Corrosion / Irritation	*Category 2*
Eye Damage / Irritation	*Category 2*
Respiratory Irritation	*Classification criteria not met*
Respiratory / Skin Sensitization	*Classification criteria not met*
Germ Cell Mutagenicity	*Classification criteria not met*
Reproductive Toxicity	*Category 2*
STOT - Single Exposure	*Category 3*
STOT - Repeated Exposure	*Category 2*
Aspiration Hazard	*Category 1*

Carcinogen Data

ID	Calif Prop-65	OSHA	NIOSH	ACGIH	NTP	IARC
8	Yes	-	App A & C	A3	-	2B

Information on the Likely Routes of Exposure

Routes of Exposure — *Skin contact, skin absorption, eye contact, inhalation, ingestion*

Information on Physical, Chemical and Toxicological Effects

Symptoms of Exposure *Central Nervous System Depression, Chemical Pneumonitis, Cough, Dermatitis, Diarrhoea, Dizziness, Drowsiness, Dry Cracking Skin, Skin Irritation, Throat Irritation, Upper Respiratory System Irritation*

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.*

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. Reports of chronic poisoning from Toluene describe anemia, decreased blood cell count and bone marrow hypoplasia. Liver and kidney damage may occur. Exposure may affect a developing fetus.*

Medical Conditions Aggravated *May aggravate personnel with pre-existing disorders associated with any of the Target Organs.*

Target Organs *Bladder, Central Nervous System, Eyes, Liver, 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
1	LC50	5.8 mg/L	96h	EC50	6 mg/L	48h	IC50	12 mg/L	72h	EC50	20 mg/L	30m
2	LC50	5540 mg/L	96h	LC50	8800 mg/L	48h	NOEC	530 mg/L	8d	EC5	1700 mg/L	16h
6	LC50	>1000 mg/L	96h	ECC50	>1000 mg/L	48h	EC50	>900 mg/L	72h	EC10	7400 mg/L	16h
7	LC50	180 mg/L	96h	EC50	408 mg/L	48h	IC50	>1000 mg/L	72h	EC20	>1000 mg/L	30m
8	NOEC	1000 mg/L	96h	EC50	>5600 mg/L	24h	–	–	–	EC0	400 mg/L	3h

Ecological Data

ID	PERSISTENCE AND DEGRADABILITY				BIOACCUMULATIVE POTENTIAL		MOBILITY
	PERSISTENCE	BOD	COD	ThOD	Pow / Kow	BCF	Koc
1	86% / 20 days	2.15 mg/g	2.52 mg/g	3.13 mg/g	2.65 Pow	1.57 log BCF	2.15 log Koc
2	90.9% / 28 days	1.85 mg/g / 5d	2.07 mg/g	2.21 mg/g	-0.24 log Pow	0.69 BCF	1.26 log Koc
4	95% / 28 days	–	–	–	2.1 log Pow	–	–
7	–	360 mg/g	1740 mg/g	1820 mg/g	0.56 log Pow	0.01 log BCF	0.36 log Koc
8	–	5 mg/L	–	–	1.09 log Pow	0.599 log BCF	1.99 log Koc

Other Adverse Effects *No additional information available.*

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste Disposal *Product is suitable for burning in an enclosed, controlled burner for fuel value. Hazard characteristics and regulatory waste stream classification can change with product use and location. Accordingly, 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 material must be disposed of in compliance with the respective national, federal, state, and/or local regulations.*

Waste Disposal of Packaging *Consult with your local landfill to determine if empty small containers can be disposed of along with regular trash pickup. For disposal of large containers (typically 10 gallon or larger), or for containers not suitable for landfill, a licensed reconditioner should be used.*

Landfill Precautions *Not Available*

Incineration Precautions *Not Available*

SECTION 14 - TRANSPORTATION INFORMATION

Transportation Information	***Ground Transportation*** *(DOT)*	***Air Transportation*** *(IATA)*	***Ocean Transportation*** *(IMDG)*
UN Number	*UN1263*	*UN1263*	*UN1263*
Proper Shipping Name	*Paint Related Material, Limited Quantity*	*Paint Related Material, Limited Quantity*	*Paint Related Material, Limited Quantity*
Hazard Class(es)	*3*	*3*	*3*
Packaging Group	*II*	*II*	*II*
Marine Pollutant	*No*	*No*	*No*
Hazard Label(s)			

SECTION 15 - REGULATORY INFORMATION

Federal Regulations

ID	TSCA LISTED	SARA 302 EHS TPQ	RCRA	CERCLA	SARA 313	FIRE	REACTIVITY	SARA 311/312 ACUTE	SARA 311/312 CHRONIC	SARA 311/312 PRESSURE	CLEAN AIR ACT HAP	CLEAN AIR ACT SOCMI	CLEAN WATER ACT
1	Yes	–	U220	1000	43%	Yes	–	Yes	Yes	–	Yes	Yes	1000 (PP)
2	Yes	–	U002	5000	–	Yes	–	Yes	–	--	–	–	–
3	Yes	–	–	–	–	–	–	–	–	–	–	–	–
4	Yes	–	–	–	–	–	–	Yes	–	–	–	–	–
5	Yes	–	–	–	–	–	–	–	–	–	–	–	–
6	Yes	–	–	–	–	–	–	Yes	–	–	–	–	–
7	Yes	–	–	–	–	Yes	–	–	–	–	–	–	–
8	Yes	–	–	–	–	–	–	–	–	–	–	–	–

State Regulations

ID	CA P-65	DE RQ	MA RTK CODES	ME TYPE	ME RQ	ME RTK	MN AIR	MN WATER	NJ RTK	NY AIR	NY LAND	NY ACUTE	PA LISTED	WA PEL TWA	WI TABLE	WV TAP
1	D	1000	2,4,5,6 F7 F8 F9	–	2000	ANO	1	1	–	1000	1	–	Yes-E	100 ppm	A	–
2	–	5000	2,4,5,6 F8 F9	–	20000	AON	–	–	–	–	–	–	Yes-E	750 ppm	–	–
3	–	–	4	–	–	–	–	–	–	–	–	–	Yes	5 mg/m3	–	–
8	C	–	2,4 F5	–	–	ANOR	–	–	–	–	–	–	Yes	3.5 mg/m3	A	–

SECTION 16 - OTHER INFORMATION

SDS Revision History

Revision 1, 07/12/2012, Original
Revision 2, 11/18/2015, Updated to GHS Version 3 Format.

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

Disclaimer of Liability

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