

SAFETY DATA SHEET

Revision Date: 02/14/18

SECTION I - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : SE-110 MS
PRODUCT GRADE/TYPE : SPECIALTY ACRYLIC PRIMER COATING
SDS NUMBER : SE-110MS-1
PRODUCT USE : Multi-surface primer with corrosion and mold growth inhibitors
MANUFACTURER : SAFE ENCASMENT SYSTEMS
257 Walnut Street
Napa, CA 94559


PRODUCT INFORMATION : 1-888-277-8834
EMERGENCY CONTACT : 1-800-424-9300

RDS IDENTIFICATION

GHS CLASSIFICATION:

Skin Sensitization, Category 1

GHS LABEL:

Hazard Category	Signal Word	Pictogram	Hazard Statement	GHS Pictogram Number
Skin Sensitization, Category 1	Warning		H317- May cause an allergic skin reaction	GHS07

GHS Precaution Phrases:

Hazard Category	Prevention	Response	Storage	Disposal
Skin Sensitization, Category 1	P261, P272, P280	P302+P352, P333+ P313; P321: P363	-----	P501

P Statements:

P261: Avoid breathing dust/fumes/gas/mist/vapors/spray. [As modified by IV ATP]
P272: Contaminated work clothing should not be allowed out of the workplace.
P280: Wear protective gloves/protective clothing/eye protection/face protection. [As modified by IV ATP]
P302 + P352 – IF ON SKIN: Wash with plenty of soap and water.
P333 + P313 – If skin irritation or rash occurs: Get medical advice/attention.
P321 – Specific treatment (see ... on this label).
P362 – Take off contaminated clothing and wash before reuse.
P501 – Dispose of contents/container to ...

SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS No.	Weight %	Hazards (GHS) and Category
Mixture: Poly(oxy-1,2-ethanediyl), alpha-[(1,1,3,3-tetramethylbutyl)phenyl]-omega- reaction mass of: 5- chloro-2-methyl-4 isothiazolin-3-one [EC no.247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-	9036-19-5 55965-84-9	----- <0.5%	No label Skin sensitizer

SECTION IV – FIRST AID MEASURES

- Eye Contact:** Eye irritation. Flush immediately with large amounts of water for at least 20 minutes. Eyelids should be held away from eyeball to ensure thorough rinsing. Get immediate medical attention.
- Skin Contact:** Itching or burning of the skin. Immediately wash skin with soap and plenty of water while removing contaminated clothing and shoes. If skin irritation occurs, get immediate medical attention.
- Inhalation:** If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing. If signs/symptoms continue, get medical attention.
- Ingestion :** If ingested, rinse mouth. Drink 1-2 glasses of water. Do not give anything by mouth to an unconscious person. Do not induce vomiting unless directed to do so by a medical personnel. Get medical attention.

SECTION V – FIRE-FIGHTING MEASURES

Suitable Extinguishing Media : Use dry chemical, foam or carbon dioxide to extinguish fire. Do not use a direct stream of water.

Specific hazards arising from the chemical: Dangerous when exposed to heat or flame. Will form flammable or explosive mixtures with air at room temperature. Irritating or toxic substances may be emitted upon thermal decomposition. Thermal decomposition products may include oxides of carbon and nitrogen. Vapor or gas may spread to distant ignition sources and flash back. Vapors or gas may accumulate in low areas. Runoff to sewer may cause fire or explosion hazard. Containers may explode in heat of fire. Containers may explode in heat of fire. Vapors may concentrate in confined areas. Liquid will float and may reignite on the surface of water.

Special protective action for fire-fighters:

No action shall be taken involving any personal risk or without suitable training.

Move containers from the fire area if you can do it without personal risk.

Exposed fire-fighters must wear NIOSH approved positive pressure self-contained breathing apparatus with full face mask and full protective clothing.

Wear chemical protective clothing that is specifically recommended by the manufacturer. It may provide little or no thermal protection.

SECTION VI – ACCIDENTAL RELEASE MEASURES

Personal Precautions: Ventilate enclosed areas.

Use personal protective equipment.

Keep people away from and upwind of spill/leak.

Material can create slippery conditions. Do not touch or walk through spilled material.

Emergency Procedures: Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate areas).

As an immediate precautionary measure, isolate spill or leak area for at least 50 meters (150 feet) in all directions. If tank, rail car or tank truck is involved in a fire, isolate for 800 meters (1/2 mile) in all directions, also consider initial evacuation for 800 meters (1/2 mile) in all directions. LARGE SPILL: Consider initial downwind evacuation for at least 300 meters (1000 feet). Keep out of low areas. Stay upwind. Keep unauthorized personnel away. Ventilate closed spaces before entering.

Personal Precautions: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

Methods of Cleaning up: Stop leak if you can do it without risk.

Contain spills immediately with inert materials (e.g. sand, warth). Use non-sparking tools to collect absorbed material.

Transfer liquids and solid diking material to separate suitable containers for recovery or disposal.
All equipment use when handling the product must be grounded.

SECTION VII – HANDLING AND STORAGE

Precautions for safe handling:

Keep away from fire. Keep away from heat and sparks. Do not eat, drink or smoke when using this product. After handling wash hands thoroughly. Prevent formation of aerosols. All equipment used in handling the product must be grounded. Bound and ground all transfer containers and equipment. Take precautionary measures against static charges. Containers, even those that have been emptied, can contain explosive vapors. Do not cut, grind, drill, weld or perform similar operations near container.

Conditions for safe storage: **Storage :** Keep containers properly sealed in a cool, dry, well-ventilated area between 65-85 F (18.3-29.4 F) Do not store in open, unlabeled or mislabeled containers. Do not reuse empty container without commercial cleaning or reconditioning.

Storage Period: 12 months

Keep container closed when not in use. Protect from freezing.

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters:

Components with occupational exposure limits:

2682-20-4: 2-Methyl-2H-isothiazol-3-one

55965-84-9: reaction mass of: 5- chloro-2-methyl-4 isothiazolin-3-one [EC no.247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)

Engineering Controls : Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Use explosion-proof electrical/ventilating/lighting/equipment.

Protective Measures : Employees should wash their hands and face before eating, drinking or using tobacco products. Educate and train employees in the safe use and handling of this product. EMERGENCY SHOWERS AND EYE WASH STATIONS SHOULD BE AVAILABLE.

Eye/face Protection : Safety glasses with side-shields.

Skin Protection : Impervious (Neoprene gloves). Wear clothing and footwear that cannot be penetrated by chemicals.

Respiratory Protection : Use only with ventilation to keep levels below exposure guidelines reported in this document. If not sure, and/or not able to monitor, use State or federally approved supplied air-respirator. Wear suitable respirator (MSHA/NIOSH approved or equivalent) where exposure limits are exceeded.

SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid, dispersion
Odour:	Characteristic odor, faint odor
Odour threshold:	Not available
pH:	approximately 8-9
Melting point/freezing point:	Not determined
Boiling Point/boiling range:	57°C (134.6°F) similar to water
Flash Point:	not applicable
Evaporation Rate:	Data lacking
Flammability:	Flammable liquid
Upper/Lower Flammability or explosive limits:	Not available
Vapor Pressure:	Data Lacking
Vapor density	Not available

Relative density:	Data Lacking
Solubility: in water	Immiscible
Partition Coefficient: n-octanol/water:	Not available
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
Viscosity:	Not determined
VOC Content g/l:	no data

Note: The above data are typical values and must not be construed as a specification.

SECTION X – STABILITY AND REACTIVITY

Reactivity:	No dangerous reaction known under conditions of normal use.
Chemical Stability:	Stable under normal temperatures and pressure.
Possibility of hazardous reactions:	None known.
Conditions/Materials to avoid:	Avoid flames, sparks or other sources of ignition.
Incompatible Materials:	oxidizing agents.
Hazardous decomposition:	By Thermal decomposition: carbon monoxide, carbon dioxide, Oxides of nitrogen (NOx), other potentially toxic fumes, dense black smoke.

SECTION XI – TOXICOLOGICAL INFORMATION

Acute Toxicity:

Other GHS- Hazards Classification	Experimental/calculated data
Acute Toxicity	LD50 rar (oral):>2000-10000mg/kg
Irritation	Skin Corrosion/irritation: rabbit: non-irritant (OECD Guideline 404) Serious Eye Damage/irritation rabbit: non-irritant (OECD Guideline 405)
Respiratory/Skin Sensitization	The product has not been tested. Declaration is from individual components.
Germ Cell Mutagenicity	Not mutagenic in bacteria
Carcinogenicity	None
Reproductive Toxicity	None
Developmental Toxicity	Data not sufficient for evaluation
Experiences in humans	Not harmful if used in correct levels.
STOT: Single	None
Repeated Dose Toxicity and STOT/Repeated	No adverse effects-derived from similar substances
Aspiration Hazard	Not Applicable
Other Relevant Toxicity Information	As derived from similar products-no adverse health effects are expected if handles as recommended with suitable precautions for designated uses.

SECTION XII – ECOLOGICAL INFORMATION

Toxicity:

To Fish: LC50 (96 h)

Species	Duration	Results	Exposure Conditions
Fish: Brachydanio rerio	96 hours	EC50>100 mg/l	OECD Guideline 203, static
Aquatic invertebrates, Daphnia magna	48 hours	EC50>100 mg/ml	OECD Guideline 202, static
Aquatic Plants, Scenedesmus	72 hours	EC50>100	OECD Guideline 201,

subspicatus		mg/ml	normal concentration
Microorganisms /Effect on activated sludge	0.5 hours	EC50>100 mg/ml	DIN EN ISO 8192- OECD 209-88/302/, P

The inhibition of the degradation activity of activated sludge is not anticipated when introduced to biological treatment plants in appropriate low concentrations.

Persistence and Degradability:

Assessment biodegradation and elimination (H2O): The product can be virtually eliminated from water by abiotic processes e.g. adsorption onto activated sludge.

Elimination information:

>70% DOC reduction (OECD 302B; ISO 9888; 88/302/EEC, part C) Easily eliminated from water.

Bioaccumulative Potential: Not available for components and mixtures in the products listed. Accumulation organisms is not to be expected.

Mobility in Soil: Assessment transport between environmental compartments:

Volatility: No data available. Water Hazard Class 2 (self-assessment): Hazardous to water. Do not allow product to reach sewage system. Disposal must be made according to official regulations.

Results of PVT and vPvB assessments:

According to Regulation (EC) no 453/2010: The product does not fulfill the criteria for PBT (Persistent/bioaccumulative/toxic) vPvB (very Persistent/very bioaccumulative).

Other adverse effects: No data available.

Ecological data are determined by analogy.

SECTION XIII – DISPOSAL INFORMATION

Environmental Precautions:

Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

Waste Disposal Method:

Waste disposal should be in accordance with existing federal, state and local environmental laws.

Empty Container Precautions:

Recondition or dispose of empty container in accordance with governmental regulations. Do not reuse empty container without proper cleaning.

SECTION XIV – TRANSPORT INFORMATION

	14.1 UN Number	UN Proper Shipping Name	14.3 Transport Hazard Class	14.4 Packing Group	14.5 Environmental Hazards
ADR	Not applicable	Not applicable	None	Not applicable	None known
RID	Not applicable	Not applicable	None	Not applicable	None known
IMDG	Not applicable	Not applicable	None	Not applicable	None known
ADN	Not applicable	Not applicable	None	Not applicable	None known
IATA/ICAO	Not applicable	Not applicable	None	Not applicable	None known

14.6 Special Precautions: None known.

14.7 Transport in Bulk according to Annex II of MARPOL 73/78 and the IBC Code- Not evaluated

SECTION XV – REGULATORY INFORMATION

SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATIONS SEPECIFIC FOR THE SUBSTANCE OR MIXTURE

Prohibitions, Restrictions and Authorizations:

Annex XVII of Regulation (EC) No 1907/2006: Number on List: 3, 46

If other regulatory information applies that is not already provided elsewhere in this safety data sheet, then it is described in this subsection.

Chemical Safety Assessment: Chemical Safety Assessment is not required.

SECTION XVI –OTHER INFORMATION

Legend:

Acronym	Meaning
GHS	Globally Harmonized System (of Classification and Labeling of Chemicals)
IMDG	International Maritime Dangerous Goods
ICAO	International Civil Aviation Organization
IATA	International Air Transport Association

The information in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. The information relates only to the specific material designated and may not be valid for such material used in combination with or any other material in any process, unless specified in the test.

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This SDS adheres to the standards and regulatory requirements of the United States and has been written under the guidance of the Globally Harmonized System of Classification and Labeling of Chemicals.

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