Everphast™ – Durable Waterborne Acrylic Epoxy Hybrid Traffic Paint – Yellow (Part A)

ACCORDING TO US CFR 1910.1200

SECTION 1: IDENTIFICATION

1.1 Product identifier

Product Name	Everphast™ – Durable Waterborne Acrylic Epoxy Hybrid Traffic Paint – Yellow (Part A)
Product Code	2051F

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified Use(s)	Use for traffic marking.
Uses Advised Against	None known.

1.3 Details of the supplier of the safety data sheet

Manufacturer	
Company Identification	Potters Industries LLC
Address of Manufacturer	P. O. Box 841 Valley Forge, PA USA
Zip code	19482
Telephone	800-552-3237
E-mail	sds@pottersindustries.com
Supplier	
Company Identification	Franklin Paint Company
Address of Supplier	259 Cottage St. Franklin, MA 02038
Zip code	02038
Telephone	800-486-0304
E-mail	sds@pottersindustries.com

1.4 Emergency telephone number

Emergency Phone No.	800-552-3237/ 800-424-9300 (USA)
Contact	Company/ChemTrec

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

US CFR 1910.1200

Skin Sens. 1: May cause an allergic skin reaction.
Carc. 1A: May cause cancer by inhalation.
STOT RE 1: Causes damage to the lungs through prolonged or repeated exposure if inhaled.

2.2 Label elements

According to US CFR 1910.1200

Product Name: Everphast™ – Durable Waterborne Acrylic Epoxy Hybrid Traffic Paint – Yellow

Hazard Pictogram(s)

GHS08

GHS07

Signal Word(s): Danger

Hazard Statement(s):
H317: May cause an allergic skin reaction.
H350i: May cause cancer by inhalation.
H372: Causes damage to the lungs through prolonged or repeated exposure if inhaled.

Precautionary Statement(s):
P261: Avoid breathing mist/vapors/spray.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352: IF ON SKIN: Wash with plenty of water.
P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
P363+P364: Wash contaminated clothing before reuse. And wash it before reuse.
P501: Dispose of contents in accordance with local, state or national legislation.

2.3 Other hazards

None known.

2.4 Additional Information

For full text of H/P Statements see section 16.

Everphast™ – Durable Waterborne Acrylic Epoxy Hybrid Traffic Paint – Yellow (Part A)

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable.

3.2 Mixtures

HAZARDOUS INGREDIENT(S)	CAS No.	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
Ethanol	64-17-5	1-3	Flam. Liq. 2 H225 Eye Irrit. 2A H319	GHS02 GHS07
1-Chloro-4 Trifluromethyl Bisphenol A Epoxy Resin	25085-99-8	1-3	Skin Irrit. 2 H315 Skin Sens. 1 H317 Eye Irrit. 2A H319	GHS07
Quartz (SiO_2)	14808-60-7	1-3	Carc. 1A H350i STOT RE 1 H372	GHS08
Rosin	8050-09-7	0.1-0.5	Skin Sens. 1 H317	GHS07
Methanol	67-56-1	<0.05	Flam. Liq. 2 H225 Acute Tox. 3 H301 Acute Tox. 3 H311 Acute Tox. 3 H331 STOT SE 1 H370	GHS02 GHS06 GHS08

For full text of H/P Statements see section 16.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If symptoms persist, obtain medical attention.

Skin Contact: Wash with plenty of soap and water. Take off immediately all contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention.

Eye Contact: Flush eyes with water for at least 15 minutes while holding eyelids open. If symptoms persist, obtain medical attention.

Ingestion: Rinse mouth with water (only if the person is conscious). Do not induce vomiting. Seek medical attention if ill effects occur.

4.2 Most important symptoms and effects, both acute and delayed

May cause an allergic skin reaction. May cause cancer by inhalation. Causes damage to the lungs through prolonged or repeated exposure if inhaled.

4.3 Indication of any immediate medical attention and special treatment needed

IF exposed or concerned: Get medical advice/attention.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

Suitable Extinguishing Media: As appropriate for surrounding fire.

Unsuitable Extinguishing Media: None.

5.2 Special hazards arising from the substance or mixture

May decompose in a fire, giving off toxic and irritant vapors.

5.3 Advice for firefighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Ensure full personal protection (including respiratory protection) during removal of spillages.

6.2 Environmental precautions

Do not allow to enter drains, sewers or watercourses.

6.3 Methods and material for containment and cleaning up

Adsorb spillages onto sand, earth or any suitable adsorbent material. Transfer to a container for disposal.

6.4 Reference to other sections

See Also Section 8, 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Provide adequate ventilation. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing mist/vapors/spray. Avoid contact with skin and eyes. Wear protective gloves/eye protection/face protection. Remove contaminated clothing and wash clothing before reuse. Wash hands and exposed skin thoroughly after handling. Do not eat, drink or smoke at the work place.

7.2 Conditions for safe storage, including any incompatibilities

Store locked up.

Storage temperature: Ambient.
Storage life: Stable under normal conditions.
Incompatible materials: None known.

7.3 Specific end use(s)

Use for traffic marking.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limits

SUBSTANCE.	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m³)	STEL (ppm)	STEL (mg/m³)	Note
Silica, crystalline, α-quartz	14808-60-7		0.025			ACGIH TLV, R, A2
Silica, crystalline (respirable dust); Quartz	14808-60-7		0.05			OSHA PEL
Silica, crystalline, α-quartz (Respirable dust)	14808-60-7		0.05			NIOSH REL Z-1, Ca
Silica, crystalline, α-quartz, tripoli (Respirable dust)	14808-60-7		0.05			OSHA PEL Z-1, (z1), (a1)
Silica: CrystallineQuartz (Respirable)	14808-60-7		10			OSHA PEL_Table Z-3, (3d), (3h), (3k), (3l), (3e), (3f)
Resin acids, as total Resin acids	8050-09-7		0.001			ACGIH TLV, I, DSEN, RSEN
Ethanol (Ethyl alcohol)	64-17-5			1000	1880	ACGIH TLV, A3
Ethyl alcohol; ethanol	64-17-5	1000				OSHA PEL
Ethyl alcohol (Ethanol)	64-17-5	1000	1900			NIOSH REL Z-1
Ethyl alcohol (Ethanol)	64-17-5	1000	1900			OSHA PEL Z-1
Methanol (Methyl alcohol)	67-56-1	200	262	250	328	ACGIH TLV, Skin
Methyl alcohol; methanol	67-56-1	200		250		OSHA PEL, C = 1000 ppm
Methanol (Methyl alcohol)	67-56-1	200	260	250	325	NIOSH REL Z-1, (S)
Methanol (Methyl alcohol)	67-56-1	200	260			OSHA PEL Z-1

Remark	Notes
ACGIH TLV	The American Conference of Governmental Industrial Hygienists (ACGIH®) Threshold Limit Values (TLVs®), 2026
R	Measured as respirable fraction of the aerosol.
A2	Suspected Human Carcinogen
OSHA PEL	Occupational Safety and Health (Cal/OSHA) Permissible Exposure Limits (PELs), 2019
NIOSH REL Z-1	National Institute for Occupational Safety and Health (NIOSH) Recommended Exposure Limits (RELs) from the NIOSH Pocket Guide to Chemical Hazards table Z-1: Up to 10-hour time weighted average (TWA) during a 40-hour work week, 2022
Ca	Potential occupational carcinogens
OSHA PEL Z-1	Occupational Safety and Health Administration (OSHA) Permissible Exposure Limit (PEL) from 29 CFR 1910.1000 Z-1 Table, 2022
(z1)	This standard applies to any operations or sectors for which the Respirable crystalline silica standard, 1910.1053, is stayed or is otherwise not in effect.
(a1)	30 mg/m3 (total dust)/% SiO2 + 2 OR 250 mppcf (respirable dust)/% SiO2 + 5 OR 10 mg/m3 (respirable dust)/% SiO2 + 2
OSHA PEL_Table Z-3	Occupational Safety and Health (OSHA) Permissible Exposure Limits (PELs) Table Z-3 Mineral Dusts, 2019
(3d)	250 mppcf (Millions of particles per cubic foot of air, based on impinger samples counted by light-field techniques. Conversion factors - mppcf × 35.3 = million particles per cubic meter = particles per c.c.
(3h)	The percentage of crystalline silica in the formula is the amount determined from airborne samples, except in those instances in which other methods have been shown to be applicable.
(3k)	Both concentration and percentage quartz for the application of this limit are to be determined from the fraction passing through a size-selector with the following characteristics: Aerodynamic diameter (unit density sphere)/ percent passing selector : 2/90; 2.5/75; 3.5/50; 5/25; 10/0. The measurements under this note refer to the use of an AEC (now NRC) instrument. The respirable fraction of coal dust is determined with an MRE; the figure corresponding to that of 2.4mg/m3 for coal dust is 4.5mg/m3.
(3l)	This standard applies to any operations or sectors for which the respirable crystalline silica standard, 1910.1053, is stayed or is otherwise not in effect.
(3e)	The PEL in mg/m3 is calculated by dividing by the percentage SiO2 +2.
(3f)	The PEL in mppcf is calculated by dividing by the percentage SiO2 +5.
I	Measured as Inhalable fraction of the aerosol
DSEN	May cause dermal sensitization
RSEN	May cause respiratory sensitization
A3	Confirmed Animal Carcinogen with Unknown Relevance to Humans
Skin	Danger of cutaneous absorption
(S)	Danger of cutaneous absorption

BEI: Biological Exposure Indices (ACGIH)						
Substances	CAS Number	Sampling	Tissues	Control parameters	Biological monitoring guidance value	Comments
Methanol	67-56-1	End of shift	urine	Methanol	15 mg/L	B, Ns

Remark	Notes
B	Background
b	After exposure to soluble compounds
Ns	Nonspecific

8.2 Exposure controls

8.2.1. Appropriate engineering controls — Use with ventilation, local exhaust ventilation or breathing protection. A washing facility/water for eye and skin cleaning purposes should be present.

8.2.2. Personal protection equipment

Eye Protection — Wear protective eye glasses for protection against liquid splashes.

Skin protection — Wear: Impervious gloves.
Breakthrough time of the glove material: refer to the information provided by the gloves' producer.

Respiratory protection — Wear suitable respiratory protective equipment if exposure to levels above the occupational exposure limit is likely.

Thermal hazards — Not applicable.

8.2.3. Environmental Exposure Controls — Do not allow to enter drains, sewers or watercourses.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state	Liquid.
Color	Yellow.
Odor	Ammonia odor.
Melting Point/Freezing Point	32°F (0°C)
Boiling point or initial boiling point and boiling range	212°F (100°C)
Flammability	Non-flammable.
Lower and upper explosion limit	Not applicable.
Flash Point	Not applicable.
Auto-ignition temperature	Not applicable.
Decomposition Temperature	No data.
pH	9.7-10.7
Kinematic Viscosity	Not available.
Solubility	Solubility (Water): Miscible with water. Solubility (Other): Not available.
Partition coefficient n-octanol/water (log value)	No data.
Vapor pressure	40 mm Hg
Density and/or relative density	Density: 13.5 lbs/gal - Relative density: 1.62
Relative vapor density	Not applicable.
Particle characteristics	Not applicable.

9.2 Other information

Vol-% Solid	61.3
Vol-% volatile	38.7
Wt-% Solid	79.6
Wt-% volatile	20.4
Grams VOCs/liter	<100
Wt-% HAPs	0

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

None anticipated.

10.2 Chemical Stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.

10.4 Conditions to avoid

None anticipated.

10.5 Incompatible materials

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity - Ingestion	Calculation method : Not classified. Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 250000
Acute toxicity - Skin Contact	Calculation method : Not classified. Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 750000
Acute toxicity - Inhalation	Calculation method : Not classified. Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 5454.55
Skin corrosion/irritation	Calculation method : Causes mild skin irritation.
Serious eye damage/irritation	Calculation method : Not classified.
Skin sensitization data	Calculation method : May cause an allergic skin reaction. Rosin: Several esters of Rosin have been tested using similar protocols with similar results. When the Rosin esters were heated beyond the specified protocol, the oxidized material caused a positive sensitization response.
Respiratory sensitization data	Calculation method : Not classified.
Germ cell mutagenicity	Calculation method : Not classified.
Carcinogenicity	Calculation method : May cause cancer by inhalation. Quartz (SiO_2): IARC Classification: Group 1. (Carcinogenic to humans)
Reproductive toxicity	Calculation method : Not classified.
Lactation	Calculation method : Not classified.
STOT - single exposure	Calculation method : Not classified.
STOT - repeated exposure	Calculation method : Causes damage to the lungs through prolonged or repeated exposure if inhaled.
Aspiration hazard	Calculation method : Not classified.

11.2 Other information

None known.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Low toxicity to aquatic organisms.

12.2 Persistence and degradability

No information on this formulation.

12.3 Bioaccumulative potential

No information on this formulation.

12.4 Mobility in soil

Miscible with water. The product is predicted to have high mobility in soil.

12.5 Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

To be disposed of as hazardous waste. Do not allow to enter drains, sewers or watercourses.

13.2 Additional Information

Dispose of contents in accordance with local, state or national legislation.

SECTION 14: TRANSPORT INFORMATION

Not classified as hazardous for transport.

14.1 UN number

Not applicable

14.2 UN proper shipping name

Not applicable

14.3 Transport hazard class(es)

Not applicable

14.4 Packing group

Not applicable

14.5 Environmental hazards

Not classified as a Marine Pollutant.

14.6 Special precautions for user

No information available

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

No information available

SECTION 15: REGULATORY INFORMATION

15.1 US Federal Regulations

Toxic and hazardous substances (29 CFR 1910; Subpart Z)	Listed: 14808-60-7, 64-17-5, 67-56-1
National emission standards for hazardous air pollutants (40 CFR 61.01)	Not listed
SARA Title III Section 313	Listed: 67-56-1
TSCA (Toxic Substance Control Act)	Listed: 14808-60-7(Active), 8050-09-7(Active), 64-17-5(Active), 67-56-1(Active), 25085-99-8(Active)
CAA 602 - Ozone Depleting Substances (ODS)	Not listed

15.2 US State Regulations

State Right to Know Lists	
Proposition 65 (California)	Listed: 14808-60-7, 64-17-5, 67-56-1
Massachusetts	Listed: 14808-60-7, 64-17-5, 67-56-1
Minnesota	Listed: 14808-60-7, 8050-09-7, 64-17-5, 67-56-1
New Jersey	Listed: 14808-60-7, 64-17-5, 67-56-1
Pennsylvania	Listed: 14808-60-7, 8050-09-7, 64-17-5, 67-56-1
Rhode Island	Listed: 14808-60-7, 8050-09-7, 64-17-5, 67-56-1

15.3 Other

OSPAR List of Chemicals for Priority Action	Not listed
OSHA (List of Highly Hazardous Chemicals, Toxics and Reactives)	Not listed
NTP (National Toxicology Program)	Listed: 14808-60-7
IARC (International Agency for Research on Cancer)	Listed: 14808-60-7, 64-17-5 (Group 1: Carcinogenic to humans.)

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16

LEGEND

Hazard Pictogram(s)

GHS08

GHS07

GHS02: GHS: Flame

GHS06: GHS: Skull and crossbones

Hazard classification

Flam. Liq. 2 : Flammable liquid, Category 2
Acute Tox. 3 : Acute toxicity, Category 3
Skin Irrit. 2 : Skin corrosion/irritation, Category 2
Skin Sens. 1 : Skin sensitization, Category 1
Eye Irrit. 2A : Serious eye damage/irritation, Category 2A
Carc. 1A : Carcinogenicity, Category 1A
STOT SE 1 : Specific target organ toxicity — single exposure, Category 1
STOT RE 1 : Specific target organ toxicity — repeated exposure, Category 1

Hazard Statement(s)

H225: Highly flammable liquid and vapor.
H301: Toxic if swallowed.
H311: Toxic in contact with skin.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H319: Causes serious eye irritation.
H331: Toxic if inhaled.
H350i: May cause cancer by inhalation.
H370: Causes damage to organs.
H372: Causes damage to the lungs through prolonged or repeated exposure if inhaled.

Precautionary Statement(s)

P201: Obtain special instructions before use.

	P202: Do not handle until all safety precautions have been read and understood. P260: Do not breathe mist/vapors/spray. P264: Wash hands and exposed skin thoroughly after handling. P270: Do not eat, drink or smoke when using this product. P272: Contaminated work clothing must not be allowed out of the workplace. P280: Wear protective gloves/protective clothing/eye protection/face protection. P302+P352: IF ON SKIN: Wash with plenty of water. P308+P313: IF exposed or concerned: Get medical advice/attention. P314: Get medical advice/attention if you feel unwell. P321: Specific treatment (see Medical Advice on this label). P333+P313: If skin irritation or rash occurs: Get medical advice/attention. P363+P364: Wash contaminated clothing before reuse. And wash it before reuse. P405: Store locked up. P501: Dispose of contents in accordance with local, state or national legislation.
Acronyms	ATE : Acute Toxicity Estimate CAS : Chemical Abstracts Service LTEL : Long term exposure limit STEL : Short term exposure limit STOT : Specific Target Organ Toxicity
Key literature references and sources for data used to compile the SDS	US CFR 1910.1200
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