

# SAFETY DATA SHEET

Revision Date 03-Mar-2021 Version 2

# 1. IDENTIFICATION

**Product identifier** 

Product Name EVERCOAT FINISH SAND 4:1

Other means of identification

Product Code 100738

Recommended use of the chemical and restrictions on use

**Recommended Use** Polyester Primer Surfacer. For professional use only.

Uses advised against Uses other than recommended use.

Details of the supplier of the safety data sheet

Manufacturer AddressMay Also Be Distributed by:ITW EvercoatITW Permatex Canada

6600 Cornell Road 101-2360 Bristol Circle
Cincinnati, Ohio 45242 Oakville, ON Canada L6H 6M5
Telephone: 513-489-7600 Telephone: (800) 924-6994

**24-hour emergency phone number** CHEMTREC: 1-800-424-9300 INTERNATIONAL: 1-703-527-3887

E-mail address: Info@evercoat.com

# 2. HAZARDS IDENTIFICATION

#### Classification

#### **OSHA Regulatory Status**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Acute toxicity - Inhalation (Dusts/Mists)	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Germ cell mutagenicity	Category 1B
Carcinogenicity	Category 1A
Reproductive toxicity	Category 2
Specific target organ toxicity (repeated exposure)	Category 1
Flammable liquids	Category 2

### Label elements

# **Emergency Overview**

### Signal word

# Danger

Harmful if inhaled

Causes skin irritation

Causes serious eye irritation

May cause genetic defects

May cause cancer

Suspected of damaging fertility or the unborn child

Causes damage to organs through prolonged or repeated exposure

Highly flammable liquid and vapor



Physical state Liquid **Odor** Aromatic **Appearance** Gray

#### **Precautionary Statements - Prevention**

Obtain special instructions before use

Do not handle until all safety precautions have been read and understood

Use personal protective equipment as required

Use only outdoors or in a well-ventilated area

Wash face, hands and any exposed skin thoroughly after handling

Wear eye/face protection

Do not breathe dust/fume/gas/mist/vapors/spray

Do not eat, drink or smoke when using this product

Keep away from heat/sparks/open flames/hot surfaces. - No smoking

Keep container tightly closed

Ground/bond container and receiving equipment

Use explosion-proof electrical/ ventilating/ lighting/ equipment

Use non-sparking tools

Take precautionary measures against static discharge

#### **Precautionary Statements - Response**

IF exposed or concerned: Get medical advice/attention

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/attention

If skin irritation occurs: Get medical advice/attention

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

Wash contaminated clothing before reuse

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

In case of fire: Use CO2, dry chemical, or foam to extinguish.

# **Precautionary Statements - Storage**

Store locked up

Store in a well-ventilated place. Keep cool

#### **Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

### Hazards not otherwise classified (HNOC)

Not applicable

### Other Information

May be harmful if swallowed. May be harmful in contact with skin. Toxic to aquatic life with long lasting effects.

# 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Styrene	100-42-5	10 - 30
Acetone	67-64-1	10 - 30
Titanium Dioxide	13463-67-7	3 - 7
Talc (hydrous magnesium silicate)	14807-96-6	3 - 7

Toluene	108-88-3	0.1 - 1
Mineral Spirits (Stoddard Solvent)	8052-41-3	0.1 - 1
Crystalline Silica (Quartz)	14808-60-7	0.1 - 1
Naphtha (petroleum), hydrotreated	64742-48-9	0.1 - 1
heavy		
Copper Naphthenate	1338-02-9	0.1 - 1

#### 4. FIRST AID MEASURES

#### **Description of first aid measures**

General advice Get medical advice/attention if you feel unwell.

Eye contact 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/attention.

Skin contact IF ON SKIN:. Wash skin with soap and water. If skin irritation persists, call a physician.

Take off contaminated clothing and wash before reuse.

Inhalation IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for

breathing. If symptoms persist, call a physician.

IF SWALLOWED:. Do NOT induce vomiting. Never give anything by mouth to an Ingestion

unconscious person. Call a physician.

Self-protection of the first aider Ensure that medical personnel are aware of the material(s) involved and take precautions to

protect themselves.

Most important symptoms and effects, both acute and delayed

**Symptoms** See section 2 for more information.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

# 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Carbon dioxide (CO2), Use dry chemical, Foam

Unsuitable extinguishing media

None

Specific hazards arising from the chemical

Flammable.

**Explosion data** 

**Sensitivity to Mechanical Impact** None. Sensitivity to Static Discharge None.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

### 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Remove all sources of ignition. Use personal protective equipment as required. **Personal precautions** 

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**Environmental precautions** 

Environmental precautions Do not flush into surface water or sanitary sewer system. See section 12 for additional

ecological information.

Methods and material for containment and cleaning up

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up**Soak up with inert absorbent material.

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

## 7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice. Avoid breathing

vapors or mists. Avoid contact with skin, eyes or clothing. Wash thoroughly after handling. Wash contaminated clothing before reuse. Use personal protective equipment as required.

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Conditions for safe storage, including any incompatibilities

Storage Conditions Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric

motors and static electricity).

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Incompatible materials Strong oxidizing agents

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Control parameters

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Styrene	STEL: 20 ppm	TWA: 100 ppm	IDLH: 700 ppm
100-42-5	TWA: 10 ppm	(vacated) TWA: 50 ppm	TWA: 50 ppm
		(vacated) TWA: 215 mg/m <sup>3</sup>	TWA: 215 mg/m <sup>3</sup>
		(vacated) STEL: 100 ppm	STEL: 100 ppm
		(vacated) STEL: 425 mg/m <sup>3</sup>	STEL: 425 mg/m <sup>3</sup>
		Ceiling: 200 ppm	-
Acetone	STEL: 500 ppm	TWA: 1000 ppm	IDLH: 2500 ppm
67-64-1	TWA: 250 ppm	TWA: 2400 mg/m <sup>3</sup>	TWA: 250 ppm
		(vacated) TWA: 750 ppm	TWA: 590 mg/m <sup>3</sup>
		(vacated) TWA: 1800 mg/m <sup>3</sup>	
		(vacated) STEL: 2400 mg/m <sup>3</sup>	
		The acetone STEL does not apply	
		to the cellulose acetate fiber	
		industry. It is in effect for all other	
		sectors.	
		(vacated) STEL: 1000 ppm	
Titanium Dioxide	TWA: 10 mg/m <sup>3</sup>	TWA: 15 mg/m³ total dust	IDLH: 5000 mg/m <sup>3</sup>
13463-67-7		(vacated) TWA: 10 mg/m³ total	TWA: 2.4 mg/m <sup>3</sup> CIB 63 fine
		dust	TWA: 0.3 mg/m³ CIB 63 ultrafine,
			including engineered nanoscale
Talc (hydrous magnesium silicate)	TWA: 2 mg/m³ particulate matter	(vacated) TWA: 2 mg/m³ respirable	
14807-96-6	containing no asbestos and <1%	dust <1% Crystalline silica,	TWA: 2 mg/m³ containing no
	crystalline silica, respirable	containing no Asbestos	Asbestos and <1% Quartz
	particulate matter	TWA: 20 mppcf if 1% Quartz or	respirable dust
		more;use Quartz limit	
Toluene	TWA: 20 ppm	TWA: 200 ppm	IDLH: 500 ppm
108-88-3		(vacated) TWA: 100 ppm	TWA: 100 ppm
		(vacated) TWA: 375 mg/m <sup>3</sup>	TWA: 375 mg/m <sup>3</sup>
		(vacated) STEL: 150 ppm	STEL: 150 ppm
		(vacated) STEL: 560 mg/m <sup>3</sup>	STEL: 560 mg/m <sup>3</sup>

		Ceiling: 300 ppm	
Mineral Spirits (Stoddard Solvent) 8052-41-3	TWA: 100 ppm	TWA: 500 ppm TWA: 2900 mg/m³ (vacated) TWA: 100 ppm (vacated) TWA: 525 mg/m³	IDLH: 20000 mg/m³ Ceiling: 1800 mg/m³ 15 min TWA: 350 mg/m³
Crystalline Silica (Quartz) 14808-60-7	TWA: 0.025 mg/m³ respirable particulate matter	TWA: 50 μg/m³ TWA: 50 μg/m³ excludes construction work, agricultural operations, and exposures that result from the processing of sorptive clays (vacated) TWA: 0.1 mg/m³ respirable dust  : (250)/(%SiO2 + 5) mppcf TWA respirable fraction  : (10)/(%SiO2 + 2) mg/m³ TWA respirable fraction	IDLH: 50 mg/m <sup>3</sup> respirable dust TWA: 0.05 mg/m <sup>3</sup> respirable dust
Copper Naphthenate 1338-02-9	TWA: 1 mg/m <sup>3</sup> Cu dust and mist	-	IDLH: 100 mg/m³ Cu dust and mist TWA: 1 mg/m³ Cu dust and mist

NIOSH IDLH Immediately Dangerous to Life or Health

Other Information Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962

(11th Cir., 1992).

**Appropriate engineering controls** 

Engineering Controls Showers

Eyewash stations Ventilation systems

Individual protection measures, such as personal protective equipment

**Eye/face protection** Wear safety glasses with side shields (or goggles).

Skin and body protection Wear protective natural rubber, nitrile rubber, Neoprene™ or PVC gloves.

appropriate.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice. Regular cleaning of

equipment, work area and clothing is recommended.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state Liquid
Appearance Gray
Odor Aromatic

Odor threshold No information available

<u>Property</u> <u>Values</u> <u>Remarks • Method</u>

pH No information available

Melting point / freezing point

Boiling point / boiling range
Flash point

Evaporation rate
Flammability (solid, gas)

No information available
No information available
No information available

Flammability (solid, gas) Flammability Limit in Air

Flammability Limit in Air
Upper flammability limit:
Lower flammability limit:
Vapor pressure
Vapor density
Relative density
Water solubility
No information available
No information available
No information available
No information available

Solubility(ies) No information available **Partition coefficient** No information available **Autoignition temperature** No information available **Decomposition temperature** No information available No information available Kinematic viscosity Dynamic viscosity No information available **Explosive properties** No information available Oxidizing properties No information available

Other Information

Softening pointNo information availableMolecular weightNo information available

VOC content Regulatory 1.8 lbs./gal. or 216 g/l. Actual 1.2 lbs./gal. or 144 g/l.

 Applied
 1.76 lbs/gal or 210.3 g/l.

 Packaged
 3.02 lbs/gal or 361.8 g/l.

Density 11.03

**Bulk density**No information available **SADT (self-accelerating**No information available

decomposition temperature)

### 10. STABILITY AND REACTIVITY

#### Reactivity

No information available

#### Chemical stability

Stable under normal conditions

#### Possibility of Hazardous Reactions

None under normal processing.

#### Conditions to avoid

Excessive heat.

# Incompatible materials

Strong oxidizing agents

#### **Hazardous Decomposition Products**

Carbon oxides

# 11. TOXICOLOGICAL INFORMATION

#### Information on likely routes of exposure

**Inhalation** May cause irritation of respiratory tract.

**Eye contact** Contact with eyes may cause irritation. May cause redness and tearing of the eyes.

**Skin contact** May cause skin irritation and/or dermatitis.

**Ingestion** Ingestion may cause irritation to mucous membranes.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Styrene 100-42-5	= 1000 mg/kg (Rat)	> 2000 mg/kg (Rat)	= 11.7 mg/L (Rat) 4 h
Acetone 67-64-1	= 5800 mg/kg (Rat)	> 15700 mg/kg ( Rabbit )	= 50100 mg/m³ (Rat) 8 h
Titanium Dioxide 13463-67-7	> 10000 mg/kg (Rat)	-	-
Toluene 108-88-3	= 2600 mg/kg (Rat)	= 12000 mg/kg ( Rabbit )	= 12.5 mg/L (Rat) 4 h
Naphtha (petroleum), hydrotreated heavy	> 6000 mg/kg (Rat)	> 3160 mg/kg (Rabbit)	> 8500 mg/m³ (Rat)4 h

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64742-48-9			
Copper Naphthenate 1338-02-9	= 2 g/kg(Rat)	> 2000 mg/kg (Rabbit)	-

### Information on toxicological effects

**Symptoms** No information available.

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Sensitization**No information available. **Germ cell mutagenicity**No information available.

**Carcinogenicity**The table below indicates whether each agency has listed any ingredient as a carcinogen.

e		1		
Chemical Name	ACGIH	IARC	NTP	OSHA
Styrene 100-42-5	A3	Group 2A	Reasonably Anticipated	X
Titanium Dioxide 13463-67-7	-	Group 2B	-	Х
Talc (hydrous magnesium silicate) 14807-96-6	-	Group 3	-	X
Toluene 108-88-3	-	Group 3	-	-
Crystalline Silica (Quartz) 14808-60-7	A2	Group 1	Known	X
Copper Naphthenate 1338-02-9	-	Group 2A	-	X

ACGIH (American Conference of Governmental Industrial Hygienists)

A2 - Suspected Human Carcinogen

IARC (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans

Group 2B - Possibly Carcinogenic to Humans Not classifiable as a human carcinogen Group 2A - Probably Carcinogenic to Humans

NTP (National Toxicology Program)

Known - Known Carcinogen

Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

**Chronic toxicity** May cause adverse liver effects. Contains a known or suspected reproductive toxin.

Target Organ Effects Central nervous system, Central Vascular System (CVS), Eyes, Liver, Lungs, Reproductive

System, Respiratory system, Skin.

### The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral) 2071 mg/kg ATEmix (dermal) 4280 mg/kg ATEmix (inhalation-dust/mist) 3.5 mg/l

# 12. ECOLOGICAL INFORMATION

#### Ecotoxicity

#### Persistence and degradability

No information available.

#### **Bioaccumulation**

No information available.

#### **Mobility**

No information available.

Chemical Name	Partition coefficient
Styrene	2.95

100-42-5	
Acetone 67-64-1	-0.24
Toluene 108-88-3	2.7

### Other adverse effects

No information available

# 13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes This material, as supplied, is a hazardous waste according to federal regulations (40 CFR

261).

Contaminated packaging Do not reuse container.

US EPA Waste Number D001

Chemical Name	RCRA - Halogenated Organic Compounds	RCRA - P Series Wastes	RCRA - F Series Wastes	RCRA - K Series Wastes
Toluene 108-88-3		-	Toxic waste waste number F025 Waste description: Condensed light ends, spent filters and filter aids, and spent desiccant wastes from the production of certain chlorinated aliphatic hydrocarbons, by free radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon chain lengths ranging from one to and including five, with varying amounts and positions of	-
			chlorine substitution.	

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste Status
Styrene	Toxic
100-42-5	Ignitable
Acetone	Ignitable
67-64-1	
Toluene	Toxic
108-88-3	Ignitable
Copper Naphthenate	Toxic
1338-02-9	

# 14. TRANSPORT INFORMATION

Note: This information is not intended to convey all specific regulatory information relating to this product.

Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations. It is the responsibility of the transporting organization to follow all

applicable laws, regulations and rules relating to the transportation of the material.

DOT

UN/ID No UN1263
Proper shipping name Paint
Hazard Class 3
Packing Group II

IATA

UN/ID No UN1263
Proper shipping name Paint
Hazard Class 3
Packing Group II

**IMDG** 

UN/ID No UN1263
Proper shipping name Paint Hazard Class 3
Packing Group II

# 15. REGULATORY INFORMATION

## **International Inventories**

Complies **TSCA** Complies **DSL/NDSL** Complies **EINECS/ELINCS** Complies **ENCS IECSC** Complies **KECL** Complies Complies **PICCS AICS** Complies

### Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

### **US Federal Regulations**

# **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	SARA 313 - Threshold Values %	
Styrene - 100-42-5	0.1	
Naphthalene - 91-20-3	0.1	
Ethyl Benzene - 100-41-4	0.1	

#### SARA 311/312 Hazard Categories

Acute health hazard	No
Chronic Health Hazard	No
Fire hazard	Yes
Sudden release of pressure hazard	No
Reactive Hazard	No

#### **CWA (Clean Water Act)**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Styrene 100-42-5	1000 lb	-	-	Х
Toluene 108-88-3	1000 lb	X	Х	Х
Copper Naphthenate	-	X	-	-

1338-02-9		

# **CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Styrene	1000 lb	=	RQ 1000 lb final RQ
100-42-5			RQ 454 kg final RQ
Acetone	5000 lb	-	RQ 5000 lb final RQ
67-64-1			RQ 2270 kg final RQ
Toluene	1000 lb 1 lb	-	RQ 1000 lb final RQ
108-88-3			RQ 454 kg final RQ RQ 1 lb final
			RQ
			RQ 0.454 kg final RQ

# **US State Regulations**

### **California Proposition 65**

This product contains the following Proposition 65 chemicals

Chemical Name	California Proposition 65
Styrene	Carcinogen
100-42-5	
Titanium Dioxide	Carcinogen
13463-67-7	
Toluene	Developmental
108-88-3	·
Crystalline Silica (Quartz)	Carcinogen
14808-60-7	
Synthetic Amorphous Crystalline-Free Silica	Carcinogen
7631-86-9	
Naphthalene	Carcinogen
91-20-3	
Ethyl Benzene	Carcinogen
100-41-4	
1,2- BENZENEDICARBOXYLIC ACID, DI-C8-10- BRANCHED ALKYL ESTERS,	Carcinogen
C9-RICH	
68515-48-0	

# U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Styrene 100-42-5	Χ	X	Х
Acetone 67-64-1	Х	X	Х
Titanium Dioxide 13463-67-7	Х	Х	Х
Talc (hydrous magnesium silicate) 14807-96-6	Х	X	Х
Toluene 108-88-3	Χ	X	X
Butyl Alcohol 78-92-2	X	X	X
Crystalline Silica (Quartz) 14808-60-7	X	X	X
Naphthalene 91-20-3	X	X	X
Ethyl Benzene 100-41-4	X	X	X
1,2- BENZENEDICARBOXYLIC ACID, DI-C8-10- BRANCHED ALKYL ESTERS, C9-RICH 68515-48-0	-	-	Х
Ferric oxide 1309-37-1	Х	X	Х

# U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

#### **WHMIS Hazard Class**

B2 - Flammable liquid, D2A - Very toxic materials

# 16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

**NFPA** Health hazards 2 Flammability 3 Instability 0

HMIS Health hazards 2 Flammability 3 Physical hazards 0 Personal protection B

NFPA (National Fire Protection Association) HMIS (Hazardous Material Information System)

03-Mar-2021 **Revision Date** 

#### **Disclaimer**

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**End of Safety Data Sheet**