SAFETY DATA SHEET

Revision Date 10-Apr-2024 **Version** 5 Amended to include NZ Specific Information Per SDS Notice 2017

1. IDENTIFICATION

Product identifier Product Name EVERCOAT OPTEX SUPERBUILD

Other means of identification Product Code
100740

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 Address
ITW Evercoat
A division of Illinois Tool Works Inc.
6600 Cornell Road
Cincinnati, OH 45242 USA
513-489-7600

May Also Be Distributed by:
ITW Permatex Canada
101-2360 Bristol Circle
Oakville, ON Canada L6H 6M5
Telephone: (800) 924-6994

May Also Be Imported & Distributed by:
Hindin Marquip Ltd
1012 Great South Road
Penrose 1061, Auckland, New Zealand
Telephone: +64 (0) 9 913 1666

24-hour emergency phone number
NZ POISONS: 0800 POISON 0800 764 766
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)

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Skin sensitization	Category 1
Carcinogenicity	Category 1B
Reproductive toxicity	Category 2
Specific target organ toxicity (single exposure)	Category 3
Specific target organ toxicity (repeated exposure)	Category 1
Aspiration toxicity	Category 1
Flammable liquids	Category 2

Label elements

Emergency Overview

Signal word

Danger

Causes skin irritation
Causes serious eye irritation
May cause an allergic skin reaction
May cause cancer
Suspected of damaging fertility or the unborn child
May cause respiratory irritation. May cause drowsiness or dizziness
Causes damage to organs through prolonged or repeated exposure
May be fatal if swallowed and enters airways
Highly flammable liquid and vapor

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

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
Contaminated work clothing must not be allowed out of the workplace
Do not breathe dust/fume/gas/mist/vapors/spray
Wash face, hands and any exposed skin thoroughly after handling
Do not eat, drink or smoke when using this product
Use only outdoors or in a well-ventilated area
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
Keep container tightly closed
Ground and bond container and receiving equipment
Use explosion-proof electrical/ ventilating/ lighting/ equipment
Use non-sparking tools
Take action to prevent static discharges
Keep cool
Wear protective clothing, gloves, and eye protection or face shield

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 or rash 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
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
Do NOT induce vomiting
IN CASE OF FIRE: Use CO2, dry chemical, or foam to extinguish.

Precautionary Statements - Storage
Store in a well-ventilated place. Keep container tightly closed
Store locked up

Precautionary Statements - Disposal
Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Not applicable

Other Information
Toxic to aquatic life with long lasting effects. Toxic to aquatic life.

3.COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No	Weight-%
Talc (hydrous magnesium silicate)	14807-96-6	10 - 30
Styrene	100-42-5	10 - 30
Acetone	67-64-1	7 - 13
Magnesite	546-93-0	5 - 10
Zinc Phosphate	7779-90-0	3 - 7
Zinc Oxide	1314-13-2	1 - 5
Titanium Dioxide	13463-67-7	1 - 5
Neodecanoic acid, cobalt salt	27253-31-2	0.1 - 1
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.

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

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

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.

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).

Incompatible materials Strong oxidizing agents

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

Chemical name	NZ WES	ACGIH TLV	OSHA PEL	NIOSH IDLH
Talc (hydrous magnesium silicate) 14807-96-6	TWA 2(r)	TWA: 2 mg/m^3 particulate matter containing no asbestos and <1% crystalline silica, respirable particulate matter	(vacated) TWA: 2 mg/m^3 respirable dust <1% Crystalline silica, containing no Asbestos TWA: 20 mppcf if 1% Quartz or more;use Quartz limit	IDLH: 1000 mg/m^3 TWA: 2 mg/m^3 containing no Asbestos and <1% Quartz respirable dust
Styrene 100-42-5	TWA 20 ppm TWA 85 mg/m$_3$ STEL 40 ppm STEL170mg/m$_3$	STEL: 20 ppm TWA: 10 ppm	TWA: 100 ppm (vacated) TWA: 50 ppm	IDLH: 700 ppm TWA: 50 ppm TWA: 215 mg/m^3 STEL: 100 ppm STEL: 425 mg/m^3

Acetone 67-64-1	TWA 500 ppm 1185 mg/m³ STEL 1000 ppm 2375 mg/m³	STEL: 500 ppm TWA: 250 ppm	TWA: 1000 ppm TWA: 2400 mg/m³ (vacated) TWA: 750 ppm (vacated) TWA: 1800 mg/m³ (vacated) STEL: 2400 mg/m³ The acetone STEL does not apply to the cellulose acetate fiber industry. It is in effect for all other sectors. (vacated) STEL: 1000 ppm	IDLH: 2500 ppm TWA: 250 ppm TWA: 590 mg/m³
Magnesite 546-93-0	TWA 10 mg/m3	-	-	TWA: 10 mg/m³ total dust TWA: 5 mg/m³ respirable dust
Zinc Oxide 1314-13-2	TWA 2, 0.1(r) STEL 5, 0.5(r)	STEL: 10 mg/m³ respirable particulate matter TWA: 2 mg/m³ respirable particulate matter	TWA: 5 mg/m³ fume TWA: 15 mg/m³ total dust TWA: 5 mg/m³ respirable fraction (vacated) TWA: 5 mg/m³ fume (vacated) TWA: 10 mg/m³ total dust (vacated) TWA: 5 mg/m³ respirable fraction (vacated) STEL: 10 mg/m³ fume	IDLH: 500 mg/m³ Ceiling: 15 mg/m³ dust TWA: 5 mg/m³ dust and fume STEL: 10 mg/m³ fume
Titanium Dioxide 13463-67-7	TWA 10 mg/m3	TWA: 10 mg/m³	TWA: 15 mg/m³ total dust (vacated) TWA: 10 mg/m³ total dust	IDLH: 5000 mg/m³ TWA: 2.4 mg/m³ CIB 63 fine TWA: 0.3 mg/m³ CIB 63 ultrafine, including engineered nanoscale
Copper Naphthenate 1338-02-9		TWA: 1 mg/m³ 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

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.

Respiratory protection Use NIOSH-approved air-purifying respirator with organic vapor cartridge or canister, as 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

Property	**Values**
pH	No information available
Melting point / freezing point	No information available
Boiling point / boiling range	56 °C / 132.8 °F
Flash point	-20 °C / -4 °F
Evaporation rate	No information available
Flammability (solid, gas)	No information available
Flammability Limit in Air	
Upper flammability limit:	No information available
Lower flammability limit:	No information available
Vapor pressure	No information available
Vapor density	No information available
Relative density	No information available
Water solubility	No information available
Solubility(ies)	Insoluble
Partition coefficient	No information available
Autoignition temperature	No information available
Hyphen	No information available
Kinematic viscosity	0.0019 m2/s
Dynamic viscosity	No information available
Explosive properties	No information available
Oxidizing properties	No information available

Other Information

Softening point	No information available
Molecular weight	No information available
VOC content	Regulatory 1.35 lbs/gal, Actual 0.91 lbs/gal
Density	12.0-12.5
Bulk density	No information available
SADT (self-accelerating decomposition temperature)	No information available

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/m^3 (Rat) 8 h
Zinc Phosphate 7779-90-0	> 5000 mg/kg (Rat)	-	-
Zinc Oxide 1314-13-2	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rat)	> 5700 mg/m^3 (Rat) 4 h
Titanium Dioxide 13463-67-7	> 10000 mg/kg (Rat)	-	= 5.09 mg/L (Rat) 4 h
Copper Naphthenate 1338-02-9	= 2 g/kg (Rat)	> 2000 mg/kg (Rabbit)	-

Symptoms related to the physical, chemical and toxicological characteristics

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.

Chemical name	ACGIH	IARC	NTP	OSHA
Talc (hydrous magnesium silicate) 14807-96-6	-	Group 3	-	X
Styrene 100-42-5	A3	Group 2A	Reasonably Anticipated	X
Titanium Dioxide 13463-67-7	-	Group 2B	-	X
Neodecanoic acid, cobalt salt 27253-31-2	-	Group 2B	Reasonably Anticipated	X
Copper Naphthenate 1338-02-9	-	Group 2A	-	X

ACGIH (American Conference of Governmental Industrial Hygienists)
A2 - Suspected Human Carcinogen
A3 - Animal Carcinogen
IARC (International Agency for Research on Cancer)
Group 2B - Possibly Carcinogenic to Humans
Group 3 - Not classifiable as a human carcinogen
Group 1 - Carcinogenic to Humans
Group 2A - Probably Carcinogenic to Humans
NTP (National Toxicology Program)
Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen
Known - Known 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, Reproductive system, Respiratory system, Skin, Lungs, Gastrointestinal tract (GI), Kidney.

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

ATEmix (oral)	22302 mg/kg
ATEmix (dermal)	49267 mg/kg
ATEmix (inhalation-dust/mist)	103 mg/l
ATEmix (inhalation-vapor)	74.9 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 100-42-5	2.95
Acetone 67-64-1	-0.24

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

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 100-42-5	Toxic Ignitable
Acetone 67-64-1	Ignitable
Zinc Phosphate 7779-90-0	Toxic
Zinc Oxide 1314-13-2	Toxic
Neodecanoic acid, cobalt salt 27253-31-2	Toxic
Copper Naphthenate 1338-02-9	Toxic

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
Transport hazard class(es)	3

Packing Group II

IATA

UN number or ID number	UN1263
Proper shipping name	Paint
Transport hazard class(es)	3
Packing group	II

IMDG

UN number or ID number	UN1263
Proper shipping name	Paint
Transport hazard class(es)	3
Packing Group	II

15. REGULATORY INFORMATION

International Inventories

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Complies
ENCS	Complies
IECSC	Complies
KECL	Complies
PICCS	Complies
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
Zinc Phosphate - 7779-90-0	1.0
Zinc Oxide - 1314-13-2	1.0
Neodecanoic acid, cobalt salt - 27253-31-2	0.1
Copper Naphthenate - 1338-02-9	1.0

SARA 311/312 Hazard Categories

Acute health hazard	Yes
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	-	-	X

Zinc Phosphate 7779-90-0	-	X	-	-
Zinc Oxide 1314-13-2	-	X	-	-
Copper Naphthenate 1338-02-9	-	X	-	-

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 100-42-5	1000 lb	-	RQ 1000 lb final RQ RQ 454 kg final RQ
Acetone 67-64-1	5000 lb	-	RQ 5000 lb final RQ RQ 2270 kg final RQ

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals

Chemical name	California Proposition 65
Styrene 100-42-5	Carcinogen
Titanium Dioxide 13463-67-7	Carcinogen
Crystalline Silica (Quartz) 14808-60-7	Carcinogen
Diethanolamine 111-42-2	Carcinogen

U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
Talc (hydrous magnesium silicate) 14807-96-6	X	X	X
Styrene 100-42-5	X	X	X
Acetone 67-64-1	X	X	X
Magnesite 546-93-0	X	X	-
Zinc Phosphate 7779-90-0	X	-	X
Zinc Oxide 1314-13-2	X	X	X
Titanium Dioxide 13463-67-7	X	X	X
Neodecanoic acid, cobalt salt 27253-31-2	X	-	X
Copper Naphthenate 1338-02-9	X	-	X
Copper Carboxylate 149-11-1	X	-	X
N,N-Dimethylaniline 121-69-7	X	X	X
Paraffin Wax 8002-74-2	X	X	X
Butylated Hydroxytoluene 128-37-0	X	X	X
Crystalline Silica (Quartz) 14808-60-7	X	X	X
Diethanolamine 111-42-2	X	X	X

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

WHMIS Hazard Class D2A - Very toxic materials, B2 - Flammable liquid, D2B - Toxic materials

New Zealand Regulations: **Surface Coatings and Colourants (Flammable, Carcinogenic) Group Standard 2020 HSR002669**

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)

Revision Date 10-Apr-2024

Disclaimer

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Haztec 2018 Ltd has amended the supplied SDS only to include NZ Specific Contact Information, Workplace Exposure Standard Values and Group Standard Assigned to (Revision Date amended) and takes no responsibility for any other data in this SDS.

End of Safety Data Sheet