



Safety Data Sheet

acc. to OSHA HCS

Printing date 04/25/2025

Reviewed on 02/23/2023

1 Identification

Product identifier**Trade name:** ECO Primer/Undercoat W**Application of the substance / the mixture** Paint**Details of the supplier of the safety data sheet****Manufacturer/Supplier:**

Fine Paints of Europe Inc.

274 West Woodstock Road

Woodstock, VT 05091

USA

info@finepaints.com

Phone: 800.332.1556

Emergency telephone number: Phone: 1.800.332.1556 (Monday-Friday 8:00 a.m. - 5:30 p.m. EDT)

2 Hazard(s) identification

Classification of the substance or mixture

Sensitization - Skin 1 H317 May cause an allergic skin reaction.

Label elements**GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

Hazard pictograms

GHS07

Signal word Warning**Hazard-determining components of labeling:**reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)
3-Iodo-2-propynylbutylcarbamate**Hazard statements**

May cause an allergic skin reaction.

Precautionary statements

Avoid breathing dust/fume/gas/mist/vapors/spray

Use only outdoors or in a well-ventilated area.

Contaminated work clothing must not be allowed out of the workplace.

Avoid release to the environment.

Wear protective gloves / eye protection / face protection.

If swallowed: Immediately call a doctor.

If on skin: Wash with plenty of soap and water.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

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If skin irritation or rash occurs: Get medical advice/attention.

Store in a well-ventilated place. Keep container tightly closed.

Dispose of contents/container in accordance with local/regional/national/international regulations.

Additional information:



WARNING: This product, excluding latex paints containing up to 6% silica, can expose you to chemicals including Silicon Dioxide, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Keep out of reach of children.

Information pertaining to particular dangers for man and environment:

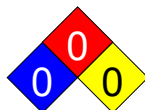
Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

Avoid breathing sanding dust/swarf. Can cause cancer if present as respirable dust.

This product contains isothiazolinone compounds at levels of <0.1%. These substances are biocides commonly found in most paints and a variety of personal care products as a preservative. Certain individuals may be sensitive or allergic to these substances, even at low levels.

Classification system:

NFPA ratings (scale 0 - 4)



Health = 0

Fire = 0

Reactivity = 0

HMIS-ratings (scale 0 - 4)



HEALTH 0 Health = 0

FIRE 0 Fire = 0

REACTIVITY 0 Reactivity = 0

Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

3 Composition/information on ingredients

Chemical characterization: Mixtures

Dangerous components:		
13463-67-7	titanium dioxide	>10–≤25%
14807-96-6	Talc (Mg ₃ H ₂ (SiO ₃) ₄)	>10–≤25%
112-34-5	2-(2-butoxyethoxy)ethanol	≥0–≤2.5%
55406-53-6	3-Iodo-2-propynylbutylcarbamate	≥0.1–<1%
55965-84-9	reaction mass of 5-chloro-2- methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3- one (3:1)	≥0.0015–<0.06%

4 First-aid measures

Description of first aid measures

General information:

Take affected persons out into the fresh air.

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Keep warm, position comfortably and cover well.

Consult doctor if symptoms persist.

After inhalation:

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

After skin contact:

Immediately wash with water and soap and rinse thoroughly.

Take off contaminated clothing.

If skin irritation continues, consult a doctor.

After eye contact:

Rinse opened eye for several minutes under running water. Then consult a doctor.

Remove contact lenses, if present and easy to do. Continue rinsing.

After swallowing:

If person is conscious, rinse out mouth.

Do not induce vomiting; immediately call for medical help.

Information for doctor:**Most important symptoms and effects, both acute and delayed** No further relevant information available.**Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

5 Fire-fighting measures

Extinguishing media**Suitable extinguishing agents:**

Use fire fighting measures that suit the environment.

CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.**Special hazards arising from the substance or mixture** No further relevant information available.**Advice for firefighters****Protective equipment:** Wear fully protective suit.**Additional information**

Cool endangered receptacles with water spray.

Collect contaminated fire fighting water separately. It must not enter the sewage system.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures Ensure adequate ventilation**Environmental precautions:**

Do not allow product to reach sewage system or any water course.

Inform respective authorities in case of seepage into water course or sewage system.

Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to section 13.

Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

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Protective Action Criteria for Chemicals

PAC-1:		
13463-67-7	titanium dioxide	30 mg/m ³
112-34-5	2-(2-butoxyethoxy)ethanol	30 ppm
55406-53-6	3-Iodo-2-propynylbutylcarbamate	3.3 mg/m ³
34590-94-8	Dipropylene glycol monomethyl ether	150 ppm
9005-00-9	Octadecan-1-ol, ethoxylated	5.7 mg/m ³
7631-99-4	Sodium nitrate	4.1 mg/m ³
104-76-7	2-Ethyl-1-hexanol	0.1 ppm
PAC-2:		
13463-67-7	titanium dioxide	330 mg/m ³
112-34-5	2-(2-butoxyethoxy)ethanol	33 ppm
55406-53-6	3-Iodo-2-propynylbutylcarbamate	36 mg/m ³
34590-94-8	Dipropylene glycol monomethyl ether	1700* ppm
9005-00-9	Octadecan-1-ol, ethoxylated	63 mg/m ³
7631-99-4	Sodium nitrate	45 mg/m ³
104-76-7	2-Ethyl-1-hexanol	100 ppm
PAC-3:		
13463-67-7	titanium dioxide	2,000 mg/m ³
112-34-5	2-(2-butoxyethoxy)ethanol	200 ppm
55406-53-6	3-Iodo-2-propynylbutylcarbamate	220 mg/m ³
34590-94-8	Dipropylene glycol monomethyl ether	9900** ppm
9005-00-9	Octadecan-1-ol, ethoxylated	380 mg/m ³
7631-99-4	Sodium nitrate	270 mg/m ³
104-76-7	2-Ethyl-1-hexanol	200 ppm

7 Handling and storage

Handling:

Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Wash hands thoroughly after handling.

Do not eat, drink or smoke when using this product.

Information about protection against explosions and fires: No special measures required.

Conditions for safe storage, including any incompatibilities

Storage: Observe instructions for use / storage.**Requirements to be met by storerooms and receptacles:** No special requirements.**Information about storage in one common storage facility:** Not required.

Further information about storage conditions:

Keep container tightly closed.

Store in a well-ventilated place. Keep cool.

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Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

Additional information about design of technical systems: No further data; see section 7.

Control parameters

Components with limit values that require monitoring at the workplace:

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.

At this time, the other constituents have no known exposure limits.

13463-67-7 titanium dioxide	
PEL	Long-term value: 15* mg/m ³ *total dust
REL	See Pocket Guide App. A
TLV	Long-term value: 0.2* 2.5** mg/m ³ resp. fraction, *nanoscale, **finescale, A3
14807-96-6 Talc (Mg ₃ H ₂ (SiO ₃) ₄)	
PEL	Long-term value: 20 mppcf ppm (containing <1% Quartz)
REL	Long-term value: 2* mg/m ³ *respirable dust; and <1% Quartz
TLV	Long-term value: 2* mg/m ³ *no asbestos fibers, resp. particulate matter, E, A4
112-34-5 2-(2-butoxyethoxy)ethanol	
TLV	Long-term value: 10* ppm *Inhalable fraction and vapor

Additional information: The lists that were valid during the creation were used as basis.

Exposure controls

Personal protective equipment:

General protective and hygienic measures:

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Breathing equipment:

Use suitable respiratory protective device in case of insufficient ventilation.

Use suitable respiratory protective device when aerosol or mist is formed.

Filter A/P2

Protection of hands:



Protective gloves

Use gloves of stable material (e.g. Nitrile) - if necessary tricoted to improve the wearability.

As protection from splashes gloves made of the following materials are suitable: Nitrile rubber, NBR

Eye protection: Goggles recommended during refilling.

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9 Physical and chemical properties

Information on basic physical and chemical properties

General Information

Appearance:

Form: Viscous
Color: Different according to coloring

Odor: Product specific

Odor threshold: Not determined.

pH-value at 20 °C (68 °F): 7.5–8.5

Change in condition

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: 100 °C (212 °F) (7732-18-5 water, distilled, conductivity or of similar purity)

Flash point: Not applicable.

Flammability: Not applicable.

Decomposition temperature: Not determined.

Ignition temperature: Product is not selfigniting.

Danger of explosion: Product does not present an explosion hazard.

Explosion limits:

Lower: Not determined.

Upper: Not determined.

Vapor pressure at 20 °C (68 °F): 23 hPa (17.251 mm Hg) (7732-18-5 water, distilled, conductivity or of similar purity)

Density at 20 °C (68 °F): 1.24–1.28 g/cm³ (10.348–10.682 lbs/gal)

Relative density Not determined.

Vapor density Not determined.

Evaporation rate Not determined.

Solubility in / Miscibility with

Water: Fully miscible.

Partition coefficient (n-octanol/water): Not determined.

Viscosity:

Dynamic at 20 °C (68 °F): 1,351.55–1,714.1 mPas

Kinematic: Not determined.

Solvent content:

VOC content: ≥1.9–≤2.13 %
 26.4–27.3 g/l / 0.22–0.23 lb/gal

Solids content: 51.1 %

Other information No further relevant information available.

10 Stability and reactivity

Reactivity No further relevant information available.

Chemical stability The product is stable.

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Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.**Possibility of hazardous reactions** No dangerous reactions known.**Conditions to avoid** No further relevant information available.**Incompatible materials:** No further relevant information available.**Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

Information on toxicological effects

Acute toxicity:

LD/LC50 values that are relevant for classification:		
13463-67-7 titanium dioxide		
Oral	LD50	>20,000 mg/kg (rat)
Dermal	LD50	>10,000 mg/kg (rabbit)
Inhalative	LC50/4 h	>6.82 mg/l (rat)
112-34-5 2-(2-butoxyethoxy)ethanol		
Oral	LD50	5,660 mg/kg (rat)
Dermal	LD50	4,000 mg/kg (rabbit)
55406-53-6 3-Iodo-2-propynylbutylcarbamate		
Oral	LD50	1,470 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rat)
Inhalative	LC50/4 h	>6.89 mg/l (rat)
55965-84-9 reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)		
Inhalative	LC50/4 h	0.31 mg/l (rat)

Primary irritant effect:

on the skin: No irritant effect.**on the eye:** No irritating effect.**Sensitization:** Sensitization possible through skin contact.

Additional toxicological information:

The product shows the following dangers according to internally approved calculation methods for preparations:

Irritant

Carcinogenic categories

IARC (International Agency for Research on Cancer)

Although IARC has classified titanium dioxide as possibly carcinogenic to humans (2B), their summary concludes: "No significant exposure to titanium dioxide is thought to occur during the use of products in which titanium dioxide is bound to other materials, such as paint."

13463-67-7	titanium dioxide	2B
14807-96-6	Talc (Mg ₃ H ₂ (SiO ₃) ₄)	3

NTP (National Toxicology Program)

None of the ingredients is listed.

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OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

12 Ecological information

Toxicity

Aquatic toxicity:

55965-84-9 reaction mass of 5-chloro-2- methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)

EL50	0.018 mg/l /72h (algae)
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Persistence and degradability No further relevant information available.

Behavior in environmental systems:

Bioaccumulative potential No further relevant information available.**Mobility in soil** No further relevant information available.

Additional ecological information:

General notes:

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

Results of PBT and vPvB assessment

PBT: Not applicable.**vPvB:** Not applicable.**Other adverse effects** No further relevant information available.

13 Disposal considerations

Waste treatment methods

Recommendation:

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Uncleaned packagings:

Recommendation: Disposal must be made according to official regulations.**Recommended cleansing agent:** Water, if necessary with cleansing agents.

14 Transport information

UN-Number

DOT, IMDG, IATA

Not regulated.

UN proper shipping name

DOT, IMDG, IATA

Not regulated.

Transport hazard class(es)

DOT, ADN, IMDG, IATA

Class

Not regulated.

Packing group

DOT, IMDG, IATA

Not regulated.

Environmental hazards:

Not applicable.

Special precautions for user

Not applicable.

Transport in bulk according to Annex II of

MARPOL73/78 and the IBC Code

Not applicable.

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UN "Model Regulation":

Not regulated.

15 Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

No further relevant information available.

Sara

Section 355 (extremely hazardous substances):

None of the ingredients is listed.

Section 313 (Specific toxic chemical listings):

112-34-5 2-(2-butoxyethoxy)ethanol

55406-53-6 3-Iodo-2-propynylbutylcarbamate

TSCA (Toxic Substances Control Act):

All components are listed on the Inventory and have the value ACTIVE or are exempt.

Hazardous Air Pollutants

15956-58-8 2-ethylhexanoic acid, manganese salt

Proposition 65

Chemicals known to cause cancer:

None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

Carcinogenic categories

EPA (Environmental Protection Agency)

None of the ingredients is listed.

TLV (Threshold Limit Value)

13463-67-7 titanium dioxide

A4

14807-96-6 Talc (Mg₃H₂(SiO₃)₄)

A4

NIOSH-Ca (National Institute for Occupational Safety and Health)

13463-67-7 titanium dioxide

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Date of preparation / last revision 02/23/2023 / -

Abbreviations and acronyms:

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

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IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
VOC: Volatile Organic Compounds (USA, EU)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
NIOSH: National Institute for Occupational Safety
OSHA: Occupational Safety & Health
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
REL: Recommended Exposure Limit
Sensitization - Skin 1: Skin sensitisation – Category 1