



Safety Data Sheet

acc. to OSHA HCS

Printing date 12/10/2024

Reviewed on 02/10/2023

1 Identification

Product identifier

Trade name: Oil Primer Undercoat BW**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

Flammable Liquids 3

H226 Flammable liquid and vapor.

Carcinogenicity 1A

H350 May cause cancer.

Specific Target Organ Toxicity - Single Exposure 3 H336 May cause drowsiness or dizziness.

Label elements

GHS label elements

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

Hazard pictograms



GHS02

GHS07

GHS08

Signal word Danger

Hazard-determining components of labeling:

Distillates (petroleum), hydrotreated light

Quartz (SiO₂)

Hazard statements

Flammable liquid and vapor.

May cause cancer.

May cause drowsiness or dizziness.

Precautionary statements

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

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

Keep container tightly closed.

Use only non-sparking tools.

Take precautionary measures against static discharge.

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

Use only outdoors or in a well-ventilated area.

Avoid release to the environment.

Wear protective gloves / eye protection / face protection.

If swallowed: Immediately call a doctor.

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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

Continue rinsing.

Get medical advice/attention if you feel unwell.

In case of fire: Use foam to extinguish.

Store in a well-ventilated place. Keep cool.

Store locked up.

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.

Classification system:**NFPA ratings (scale 0 - 4)**

Health = 0

Fire = 3

Reactivity = 0

HMIS-ratings (scale 0 - 4)

Health = *0

Fire = 3

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:		
	Distillates (petroleum), hydrotreated light CAS number: 64742-47-8	>10–≤25%
13463-67-7	titanium dioxide	>10–≤25%

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14808-60-7	Quartz (SiO ₂)	≥0.1–≤2.5%
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4 First-aid measures

Description of first aid measures

General information:

Take affected persons out into the fresh air.
Keep warm, position comfortably and cover well.
Consult doctor if symptoms persist.

After inhalation:

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.
In case of unconsciousness place patient stably in side position for transportation.

After skin contact:

Immediately remove any clothing soiled by the product.
Immediately rinse with water.

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:

CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

For safety reasons unsuitable extinguishing agents: Water with full jet

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

Wear protective equipment. Keep unprotected persons away.
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).

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Dispose contaminated material as waste according to section 13.

Ensure adequate ventilation.

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.

Protective Action Criteria for Chemicals

PAC-1:		
13463-67-7	titanium dioxide	30 mg/m ³
1330-20-7	xylene	130 ppm
546-93-0	Magnesite	45 mg/m ³
14808-60-7	Quartz (SiO ₂)	0.075 mg/m ³
108-32-7	propylene carbonate	34 mg/m ³
34590-94-8	Dipropylene glycol monomethyl ether	150 ppm
107-41-5	2-methylpentane-2,4-diol	2.3 ppm
85-44-9	phthalic anhydride	18 mg/m ³
108-88-3	toluene	67 ppm
64742-48-9	Naphtha (petroleum), hydrotreated heavy	350 mg/m ³
108-31-6	maleic anhydride	0.2 ppm
PAC-2:		
13463-67-7	titanium dioxide	330 mg/m ³
1330-20-7	xylene	920* ppm
546-93-0	Magnesite	260 mg/m ³
14808-60-7	Quartz (SiO ₂)	8.3 mg/m ³
108-32-7	propylene carbonate	370 mg/m ³
34590-94-8	Dipropylene glycol monomethyl ether	1700* ppm
107-41-5	2-methylpentane-2,4-diol	25 ppm
85-44-9	phthalic anhydride	56 mg/m ³
108-88-3	toluene	560 ppm
64742-48-9	Naphtha (petroleum), hydrotreated heavy	1,800 mg/m ³
108-31-6	maleic anhydride	2 ppm
PAC-3:		
13463-67-7	titanium dioxide	2,000 mg/m ³
1330-20-7	xylene	2500* ppm
546-93-0	Magnesite	1,600 mg/m ³
14808-60-7	Quartz (SiO ₂)	50 mg/m ³
108-32-7	propylene carbonate	2,200 mg/m ³
34590-94-8	Dipropylene glycol monomethyl ether	9900** ppm
107-41-5	2-methylpentane-2,4-diol	150 ppm

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85-44-9	phthalic anhydride	10,000 mg/m ³
108-88-3	toluene	3700* ppm
64742-48-9	Naphtha (petroleum), hydrotreated heavy	40,000 mg/m ³
108-31-6	maleic anhydride	20 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:

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

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: Store away from oxidizing agents.

Further information about storage conditions:

Keep container tightly closed.

Store in a well-ventilated place. Keep cool.

Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

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 remaining constituent has 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
14808-60-7 Quartz (SiO₂)	
PEL	Long-term value: 0.05* mg/m ³ *resp. dust; 30mg/m ³ /%SiO ₂ +2
REL	Long-term value: 0.05* mg/m ³ *respirable dust; See Pocket Guide App. A

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TLV	Long-term value: 0.025* mg/m ³ *respirable particulate matter, A2
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Additional information: The lists that were valid during the creation were used as basis.

Exposure controls

Personal protective equipment:

General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Store protective clothing separately.

Breathing equipment:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

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:



Tightly sealed goggles

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:	Not determined.

Change in condition

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	154–193 °C (309.2–379.4 °F) (Distillates (petroleum), hydrotreated light)

Flash point: 35–40 °C (95–104 °F)

Flammability (solid, gaseous): Flammable.

Auto igniting: 237 °C (458.6 °F) (Distillates (petroleum), hydrotreated light)

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Decomposition temperature:	Not determined.
Ignition temperature:	Product is not selfigniting.
Danger of explosion:	Product is not explosive. However, formation of explosive air/vapor mixtures are possible.
Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
Vapor pressure at 20 °C (68 °F):	2 hPa (1.5 mm Hg) (Distillates (petroleum), hydrotreated light)
Density at 20 °C (68 °F):	1.4–1.45 g/cm ³ (11.683–12.1 lbs/gal)
Relative density	Not determined.
Vapor density	Not determined.
Evaporation rate	Not determined.
Solubility in / Miscibility with	
Water:	Not miscible or difficult to mix.
Partition coefficient (n-octanol/water):	Not determined.
Viscosity:	
Dynamic at 20 °C (68 °F):	1,592.43–1,897.6 mPas
Kinematic:	Not determined.
Solvent content:	
VOC content:	20.21–<26.18 % ≥366.6–379.6 g/l / ≥3.06–3.17 lb/gal
Solids content:	77.8 %
Other information	No further relevant information available.

10 Stability and reactivity

Reactivity	No further relevant information available.
Chemical stability	The product is stable.
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:	Oxidizing substances
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:		
Distillates (petroleum), hydrotreated light		
Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	>5,000 mg/kg (rabbit)
Inhalative	LC50/4 h	>5,000 mg/l (rat)

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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)

Primary irritant effect:**on the skin:** No irritant effect.**on the eye:** No irritating effect.**Sensitization:** No sensitizing effects known.**Additional toxicological information:**

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

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
1330-20-7	xylene	3
14808-60-7	Quartz (SiO ₂)	1
108-88-3	toluene	3

NTP (National Toxicology Program)

14808-60-7	Quartz (SiO ₂)	K
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OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

12 Ecological information

Toxicity

Aquatic toxicity:	
Distillates (petroleum), hydrotreated light	
EL0	1,000 mg/l /48h (daphnia)
EL50	>1,000 mg/l /72h (Pseudokirchneriella subcapitata)
	1,000 mg/l /48h (daphnia)
LL50	>1,000 mg/l /96h (Oncorhynchus mykiss)
NOELR	100 mg/l /72h (Pseudokirchneriella subcapitata)

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.

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Additional ecological information:**General notes:**

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

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.

14 Transport information**UN-Number****DOT, IMDG, IATA** UN1263**UN proper shipping name****DOT, IATA** Paint**IMDG** PAINT**Transport hazard class(es)****DOT****Class** 3 Flammable liquids**Label** 3**IMDG, IATA****Class** 3 Flammable liquids**Label** 3**Packing group****DOT, IMDG, IATA** III**Environmental hazards:** Not applicable.**Special precautions for user** Warning: Flammable liquids**Hazard identification number (Kemler code):** 30**EMS Number:** F-E,S-E**Stowage Category** A

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**Transport in bulk according to Annex II of
MARPOL73/78 and the IBC Code**

Not applicable.

Transport/Additional information:

DOT

Quantity limitations

On passenger aircraft/rail: 60 L

On cargo aircraft only: 220 L

IMDG

Limited quantities (LQ)

5L

Excepted quantities (EQ)

Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

UN "Model Regulation":

UN 1263 PAINT, 3, III

15 Regulatory information

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

Sara

Section 355 (extremely hazardous substances):

None of the ingredients is listed.

Section 313 (Specific toxic chemical listings):

1330-20-7	xylene
85-44-9	phthalic anhydride
108-88-3	toluene
108-31-6	maleic anhydride

TSCA (Toxic Substances Control Act):

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

Hazardous Air Pollutants

1330-20-7	xylene
85-44-9	phthalic anhydride
108-88-3	toluene
108-31-6	maleic anhydride

Proposition 65

Chemicals known to cause cancer:

14808-60-7	Quartz (SiO ₂)
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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:

108-88-3	toluene
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Carcinogenic categories

EPA (Environmental Protection Agency)		
1330-20-7	xylene	I
108-88-3	toluene	II
TLV (Threshold Limit Value)		
13463-67-7	titanium dioxide	A4
14807-96-6	Talc (Mg ₃ H ₂ (SiO ₃) ₄)	A4
1330-20-7	xylene	A4
14808-60-7	Quartz (SiO ₂)	A2
85-44-9	phthalic anhydride	A4
108-88-3	toluene	A4
108-31-6	maleic anhydride	A4
NIOSH-Ca (National Institute for Occupational Safety and Health)		
13463-67-7	titanium dioxide	
14808-60-7	Quartz (SiO ₂)	

National regulations:

Information about limitation of use:

Workers are not allowed to be exposed to the hazardous carcinogenic materials contained in this preparation. Exceptions can be made by the authorities in certain cases.

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 02/10/2023 / -

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)

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

Flammable Liquids 3: Flammable liquids – Category 3

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Carcinogenicity 1A: Carcinogenicity – Category 1A

Specific Target Organ Toxicity - Single Exposure 3: Specific target organ toxicity (single exposure) – Category 3