

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Issue date: 10/23/2025 Version: 1.0

SECTION 1: Identification

1.1. Identification

Product form : Mixture

Product name : Rich Wood PRO Waterborne Lacquer Undercoater White

Product code : 1720.101

1.2. Recommended use and restrictions on use

No additional information available

1.3. Supplier

Richard's Paint 200 Paint Street Rocklege, FL, 32955 USA T 800-432-0983

1.4. Emergency telephone number

Emergency number : VelocityEHS (800) 255-3924 | VelocityEHS International (813) 248-0585

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Acute toxicity (inhalation:dust,mist) Category 4 H332 Harmful if inhaled. Carcinogenicity, Category 1A H350 May cause cancer. Hazardous to the aquatic environment – Acute Hazard, Category 2 H401 Toxic to aquatic life

Hazardous to the aquatic environment – Chronic Hazard, Category 2 H411 Toxic to aquatic life with long lasting effects.

Full text of H-statements: see section 16

2.2. GHS Label elements, including precautionary statements

GHS US labelling

Hazard pictograms (GHS US)







Signal word (GHS US) : Danger

Hazard statements (GHS US)

: H332 - Harmful if inhaled.

H350 - May cause cancer. H401 - Toxic to aquatic life

H411 - Toxic to aquatic life with long lasting effects.

Precautionary statements (GHS US) : P201 - Obtain special instructions before use.

P202 - Do not handle until all safety precautions have been read and understood.

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P271 - Use only outdoors or in a well-ventilated area.

P273 - Avoid release to the environment.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing.

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P308+P313 - If exposed or concerned: Get medical advice/attention.

P312 - Call a poison center or doctor if you feel unwell.

P391 - Collect spillage.

P405 - Store locked up.

P501 - Dispose of contents/container to hazardous or special waste collection point, in

accordance with local, regional, national and/or international regulation.

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

56.58% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)

98.51% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)

57.01% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS US classification
titanium(IV) oxide	CAS-No.: 13463-67-7	10 – 20	Carc. 2, H351
aluminiumsilicate, calcined	CAS-No.: 92704-41-1	10 – 20	Acute Tox. 4 (Inhalation:dust,mist), H332 Aquatic Acute 2, H401
talc	CAS-No.: 14807-96-6	5 – 10	Acute Tox. 4 (Inhalation:dust,mist), H332 Carc. 2, H351
kaolin	CAS-No.: 1332-58-7	5 – 10	Acute Tox. 4 (Inhalation:dust,mist), H332
quartz, crystalline silica	CAS-No.: 14808-60-7	< 5	Carc. 1A, H350 STOT RE 2, H373
distillates (petroleum), hydrotreated heavy paraffinic	CAS-No.: 64742-54-7	< 5	Carc. 1B, H350

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures general : IF exposed or concerned: Get medical advice/attention. Call a poison center or a doctor if you

feel unwell.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor

if you feel unwell.

First-aid measures after skin contact : Wash skin with plenty of water.

First-aid measures after eye contact : Rinse eyes with water as a precaution.

First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

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4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects after inhalation : Although no appropriate human or animal health effects data are known to exist, this material is

expected to be an inhalation hazard.

Symptoms/effects after skin contact : None under normal conditions. Symptoms/effects after eye contact : None under normal conditions. Symptoms/effects after ingestion : None under normal conditions.

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Specific hazards arising from the chemical

Fire hazard : No fire hazard.

Explosion hazard : No direct explosion hazard. Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Fight fire from safe distance and protected location. Do not enter fire area without proper

protective equipment, including respiratory protection.

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing

apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb

spillage to prevent material damage.

6.1.1. For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.

Emergency procedures : Only qualified personnel equipped with suitable protective equipment may intervene. Avoid

breathing dust/fume/gas/mist/vapours/spray.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer

to section 8: "Exposure controls/personal protection".

Emergency procedures : Evacuate unnecessary personnel. Stop leak if safe to do so.

6.2. Environmental precautions

Avoid release to the environment. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

For containment : Collect spillage. Contain any spills with dikes or absorbents to prevent migration and entry into

sewers or streams. Stop leak without risks if possible.

Methods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public

waters

Other information : Dispose of materials or solid residues at an authorized site.

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6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed Precautions for safe handling

- : Not expected to present a significant hazard under anticipated conditions of normal use.
- : Ensure good ventilation of the work station. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Take all necessary technical measures to avoid or minimize the release of the product on the workplace. Limit quantities of product at the minimum necessary for handling and limit the number of exposed workers. Provide local exhaust or general room ventilation. Wear personal protective equipment. Floors, walls and other surfaces in the hazard area must be cleaned regularly. Avoid breathing

dust/fume/gas/mist/vapours/spray.

Hygiene measures : Separate working clothes from town clothes. Launder separately. Do not eat, drink or smoke

when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Keep in a cool, well-ventilated place away from heat.

Storage conditions : Store locked up.

Packaging materials : Store always product in container of same material as original container.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

talc (14807-96-6)		
USA - ACGIH - Occupational Exposure Limits		
Local name	Talc	
ACGIH® TLV® TWA	2 mg/m³ (Respirable fraction. The value is for particulate matter containing no asbestos and < 1% crystalline silica) 0.1 fibers/cm³ (Respirable fibers: length > 5 μ m; aspect ratio \geq 3:1, as determined by the membrane filter method at 400-450X magnification (4-mm objective), using phase-contrast illumination)	
	0.1 fibers/cm³ (Containing asbestos fibers. F - Respirable fibers)	
Remark (ACGIH)	Containing no asbestos fibers = TLV® Basis: Pulm fibrosis; pulm func. Notations: A4 Containing asbestos fibers = TLV® Basis: Pneumoconiosis; lung cancer; mesothelioma. Notations: A1 (Confirmed Human Carcinogen)	
Regulatory reference	ACGIH 2024	
USA - OSHA - Occupational Exposure Limits		
Local name	Talc (not containing asbestos) (Silicates (less than 1% crystalline silica))	
OSHA PEL TWA	20 mppcf	
Remark (OSHA)	Table Z-3. CAS No. source: eCFR Table Z-1.	
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-3 Mineral Dusts	

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autorita arriatallina siliaa (4.4000 CO 7)			
* * * * * * * * * * * * * * * * * * * *	quartz, crystalline silica (14808-60-7)		
USA - ACGIH - Occupational Exposure Limits	Cities amostaline more than		
Local name	Silica crystaline - quartz		
ACGIH® TLV® TWA	0.025 mg/m³ (Respirable fraction)		
Remark (ACGIH)	TLV® Basis: Pulm fibrosis; lung cancer. Notations: A2 (Suspected Human Carcinogen)		
Regulatory reference	ACGIH 2024		
USA - OSHA - Occupational Exposure Limits			
Local name	Quartz (Respirable) (Silica: Crystalline)		
Remark (OSHA)	Table Z-3. For OSHA PEL (TWA): Use formulas: (250 / (%SiO2+5)) for mppcf and (10 mg/m3 / (%SiO2+2)) for mg/m3. CAS No. source: eCFR Table Z-1.		
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-3 Mineral Dusts		
aluminiumsilicate, calcined (92704-41-1)			
USA - ACGIH - Occupational Exposure Limits			
ACGIH® TLV® TWA	2 mg/m³ (Respirable fraction. The value is for particulate matter containing no asbestos and < 1% crystalline silica)		
kaolin (1332-58-7)			
USA - ACGIH - Occupational Exposure Limits			
Local name	Kaolin		
ACGIH® TLV® TWA	2 mg/m³ (Respirable fraction. The value is for particulate matter containing no asbestos and < 1% crystalline silica)		
Remark (ACGIH)	TLV® Basis: Pneumoconiosis. Notations: A4 (Not classifiable as a Human Carcinogen)		
Regulatory reference	ACGIH 2024		
USA - OSHA - Occupational Exposure Limits			
Local name	Kaolin		
OSHA PEL TWA	15 mg/m³ (Total dust) 5 mg/m³ (Respirable fraction)		
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1		
titanium(IV) oxide (13463-67-7)			
USA - ACGIH - Occupational Exposure Limits			
Local name	Titanium dioxide		
ACGIH® TLV® TWA	0.2 mg/m³ (Nanoscale particles. R - Repirable particulate matter) 2.5 mg/m³ (Finescale particles. R - Repirable particulate matter)		
Remark (ACGIH)	TLV® Basis: LRT irr; pneumoconiosis. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)		
Regulatory reference	ACGIH 2024		
USA - OSHA - Occupational Exposure Limits			
Local name	Titanium dioxide (Total dust)		
OSHA PEL TWA	15 mg/m³		
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1		
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8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Wear recommended personal protective equipment.

Hand protection:

Protective gloves

Eye protection:

Safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

[In case of inadequate ventilation] wear respiratory protection.

Personal protective equipment symbol(s):







SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
Appearance : Liquid
Colour : white

Odour : No data available
Odour threshold : No data available
pH : No data available
Melting point : Not applicable
Freezing point : No data available
Boiling point : No data available

Flash point : ≥ 200 °F

Relative evaporation rate (butylacetate=1) No data available Flammability (solid, gas) Not applicable. Vapour pressure No data available : No data available Relative vapour density at 20°C : No data available Relative density Solubility : No data available Partition coefficient n-octanol/water (Log Pow) : No data available : No data available Auto-ignition temperature Decomposition temperature No data available No data available Viscosity, kinematic Viscosity, dynamic No data available **Explosive limits** No data available Explosive properties No data available Oxidising properties : No data available

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9.2. Other information

VOC content : 69.6 g/l

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified Acute toxicity (dermal) : Not classified

Acute toxicity (inhalation) : Inhalation:dust,mist: Harmful if inhaled.

Rich Wood PRO Waterborne Lacquer Undercoater White			
ATE US (dust,mist)	2.408 mg/l/4h		
Unknown acute toxicity (GHS US)	56.58% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral) 98.51% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal) 57.01% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))		
talc (14807-96-6)	talc (14807-96-6)		
LD50 oral rat	> 5000 mg/kg bodyweight (OECD 423: Acute Oral Toxicity – Acute Toxic Class Method, Rat, Male, Experimental value, Oral, 14 day(s))		
LD50 dermal rat	> 2000 mg/kg bodyweight (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male / female, Experimental value, Dermal, 14 day(s))		
LC50 Inhalation - Rat	> 2.1 mg/l (OECD 403: Acute Inhalation Toxicity, 4 h, Rat, Male / female, Experimental value, (maximum achievable concentration), Inhalation (aerosol), 15 day(s))		
ATE US (dust,mist)	1.5 mg/l/4h		
aluminiumsilicate, calcined (92704-41-1)			
LD50 oral rat	> 5000 mg/kg bodyweight (EPA OPP 81-1: Acute Oral Toxicity, Rat, Male / female, Readacross, Oral, 14 day(s))		

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(dust), 14 day(s)) ATE US (vapours) 5.09 mg/l/4h ATE US (dust,mist) 5.09 mg/l/4h Skin corrosion/irritation : Not classified talc (14807-96-6) pH No data available in the literature quartz, crystalline silica (14808-60-7) pH 5 - 8 (40 %, 20 °C) aluminiumsilicate, calcined (92704-41-1) pH 4 - 6 (3.0 %) kaolin (1332-58-7) pH 7 (aqueous suspension, 10 %) Serious eye damage/irritation : Not classified talc (14807-96-6) pH No data available in the literature quartz, crystalline silica (14808-60-7) pH 5 - 8 (40 %, 20 °C) aluminiumsilicate, calcined (92704-41-1) pH Serious eye damage/irritation : Not classified talc (14807-96-6) pH No data available in the literature quartz, crystalline silica (14808-60-7) pH 5 - 8 (40 %, 20 °C) aluminiumsilicate, calcined (92704-41-1) pH 4 - 6 (3.0 %)	aluminiumsilicate, calcined (92704-41-1)		
value, Inhalation (dust)) ATE US (dust.mist) 1.5 mg/l/4h	LD50 dermal rat		
LD50 oral rat	LC50 Inhalation - Rat		
LD50 oral rat	ATE US (dust,mist)	1.5 mg/l/4h	
LD50 dermal rat > 5000 mg/kg Source: HSDB	kaolin (1332-58-7)		
LC50 Inhalation - Rat (Dust/Mist) ≥ 5 mg/l Source: OSHRI GLP toxicity test ATE US (dust.mist) 1.5 mg/l/4h titanium(IV) oxide (13463-67-7) LD50 oral rat > 5000 mg/kg bodyweight (OECD 425: Acute Oral Toxicity: Up-and-Down Procedure, Rat, Female, Experimental value, Oral, 14 day(s)) LC50 Inhalation - Rat 5000 mg/l (OECD 403: Acute Inhalation Toxicity, 4 h, Rat, Male, Experimental value, Inhalatio (dust), 14 day(s)) ATE US (vapours) 5.09 mg/l/4h ATE US (dust.mist) 5.09 mg/l/4h ATE US (dust.mist) 5.09 mg/l/4h Skin corrosion/irritation : Not classified taic (14807-96-6) pH No data available in the literature quartz, crystalline silica (14808-60-7) pH 4 - 6 (3.0 %) kaolin (1332-58-7) pH 4.5 Source: hsdb titanium(IV) oxide (13463-67-7) pH 7 (aqueous suspension, 10 %) Serious eye damage/irritation : Not classified taic (14807-96-6) pH No data available in the literature quartz, crystalline silica (14808-60-7) pH No data available in the literature quartz, crystalline silica (14808-60-7) pH No data available in the literature quartz, crystalline silica (14808-60-7) pH No data available in the literature quartz, crystalline silica (14808-60-7) pH 5 - 8 (40 %, 20 °C) aluminiumsilicate, calcined (92704-41-1) pH 4 - 6 (3.0 %)	LD50 oral rat	> 5000 mg/kg Source: HSDB	
ATE US (dust,mist) 1.5 mg/l/4h titanium(IV) oxide (13463-67-7) LD50 oral rat > 5000 mg/kg bodyweight (OECD 425: Acute Oral Toxicity: Up-and-Down Procedure, Rat, Fermale, Experimental value, Oral, 14 day(s)) LC50 Inhalation - Rat 5.09 mg/l (OECD 403: Acute Inhalation Toxicity, 4 h, Rat, Male, Experimental value, Inhalation (dust), 14 day(s)) ATE US (vapours) 5.09 mg/l/4h ATE US (dust,mist) 5.09 mg/l/4h Skin corrosion/irritation : Not classified talc (14807-96-6) pH	LD50 dermal rat	> 5000 mg/kg Source: HSDB	
titanium(IV) oxide (13463-67-7) LD50 oral rat > 5000 mg/kg bodyweight (OECD 425: Acute Oral Toxicity: Up-and-Down Procedure, Rat, Female, Experimental value, Oral, 14 day(s)) LC50 Inhalation - Rat 5.09 mg/l (DECD 403: Acute Inhalation Toxicity, 4 h, Rat, Male, Experimental value, Inhalation (dust), 14 day(s)) ATE US (vapours) 5.09 mg/l/4h ATE US (dust,mist) 5.09 mg/l/4h Skin corrosion/irritation : Not classified talc (14807-96-6) pH pH No data available in the literature quartz, crystalline silica (14808-60-7) pH pH 4 - 6 (3.0 %) kaolin (1332-58-7) pH pH 4.5 Source: hsdb titanium(IV) oxide (13463-67-7) pH pH 7 (aqueous suspension, 10 %) Serious eye damage/irritation : Not classified talc (14807-96-6) pH pH No data available in the literature quartz, crystalline silica (14808-60-7) pH pH 5 - 8 (40 %, 20 °C) aluminiumsilicate, calcined (92704-41-1) pH pH 4 - 6 (3.0 %)	LC50 Inhalation - Rat (Dust/Mist)	≥ 5 mg/l Source: OSHRI GLP toxicity test	
25000 mg/kg bodyweight (OECD 425: Acute Oral Toxicity: Up-and-Down Procedure, Rat, Female, Experimental value, Oral, 14 day(s)) C500 Inhalation - Rat	ATE US (dust,mist)	1.5 mg/l/4h	
Female, Experimental value, Oral, 14 day(s)) LC50 Inhalation - Rat 5.09 mg/l (OECD 403: Acute Inhalation Toxicity, 4 h, Rat, Male, Experimental value, Inhalation (dust), 14 day(s)) ATE US (vapours) 5.09 mg/l/4h ATE US (dust,mist) 5.09 mg/l/4h Skin corrosion/irritation Not classified	titanium(IV) oxide (13463-67-7)		
(dust), 14 day(s)) ATE US (vapours) 5.09 mg/l/4h ATE US (dust,mist) 5.09 mg/l/4h Skin corrosion/irritation Not classified talc (14807-96-6) pH No data available in the literature quartz, crystalline silica (14808-60-7) pH 5 - 8 (40 %, 20 °C) aluminiumsilicate, calcined (92704-41-1) pH 4 - 6 (3.0 %) kaolin (1332-58-7) pH 7 (aqueous suspension, 10 %) Serious eye damage/irritation Not classified talc (14807-96-6) pH No data available in the literature quartz, crystalline silica (14808-60-7) pH S - 8 (40 %, 20 °C) aluminiumsilicate, calcined (92704-41-1) pH A - 6 (3.0 %)	LD50 oral rat		
ATE US (dust,mist) Skin corrosion/irritation : Not classified talc (14807-96-6) pH No data available in the literature quartz, crystalline silica (14808-60-7) pH 5 - 8 (40 %, 20 °C) aluminiumsilicate, calcined (92704-41-1) pH 4 - 6 (3.0 %) kaolin (1332-58-7) pH 4,5 Source: hsdb titanium(IV) oxide (13463-67-7) pH 7 (aqueous suspension, 10 %) Serious eye damage/irritation : Not classified talc (14807-96-6) pH No data available in the literature quartz, crystalline silica (14808-60-7) pH 5 - 8 (40 %, 20 °C) aluminiumsilicate, calcined (92704-41-1) pH 4 - 6 (3.0 %)	LC50 Inhalation - Rat	5.09 mg/l (OECD 403: Acute Inhalation Toxicity, 4 h, Rat, Male, Experimental value, Inhalation (dust), 14 day(s))	
Skin corrosion/irritation : Not classified talc (14807-96-6) pH No data available in the literature quartz, crystalline silica (14808-60-7) pH \$5-8 (40 %, 20 °C) aluminiumsilicate, calcined (92704-41-1) pH \$4-6 (3.0 %) kaolin (1332-58-7) pH \$7 (aqueous suspension, 10 %) Serious eye damage/irritation : Not classified talc (14807-96-6) pH No data available in the literature quartz, crystalline silica (14808-60-7) pH \$5-8 (40 %, 20 °C) aluminiumsilicate, calcined (92704-41-1) pH \$4-6 (3.0 %)	ATE US (vapours)	5.09 mg/l/4h	
talc (14807-96-6) No data available in the literature quartz, crystalline silica (14808-60-7) 5 - 8 (40 %, 20 °C) aluminiumsilicate, calcined (92704-41-1) 4 - 6 (3.0 %) kaolin (1332-58-7) 7 pH 4.5 Source: hsdb titanium(IV) oxide (13463-67-7) 7 pH 7 (aqueous suspension, 10 %) Serious eye damage/irritation : Not classified talc (14807-96-6) No data available in the literature quartz, crystalline silica (14808-60-7) PH pH 5 - 8 (40 %, 20 °C) aluminiumsilicate, calcined (92704-41-1) PH pH 4 - 6 (3.0 %)	ATE US (dust,mist)	5.09 mg/l/4h	
No data available in the literature	Skin corrosion/irritation :	Not classified	
Quartz, crystalline silica (14808-60-7) pH 5 - 8 (40 %, 20 °C) aluminiumsilicate, calcined (92704-41-1) pH 4 - 6 (3.0 %) kaolin (1332-58-7) pH 4.5 Source: hsdb titanium(IV) oxide (13463-67-7) pH 7 (aqueous suspension, 10 %) Serious eye damage/irritation : Not classified talc (14807-96-6) pH No data available in the literature quartz, crystalline silica (14808-60-7) pH 5 - 8 (40 %, 20 °C) aluminiumsilicate, calcined (92704-41-1) pH 4 - 6 (3.0 %)	talc (14807-96-6)		
DH	рН	No data available in the literature	
A - 6 (3.0 %)	quartz, crystalline silica (14808-60-7)		
PH 4 - 6 (3.0 %)	рН	5 – 8 (40 %, 20 °C)	
A	aluminiumsilicate, calcined (92704-41-1)		
pH 4.5 Source: hsdb titanium(IV) oxide (13463-67-7) 7 (aqueous suspension, 10 %) Serious eye damage/irritation : Not classified talc (14807-96-6) PH No data available in the literature quartz, crystalline silica (14808-60-7) pH 5 - 8 (40 %, 20 °C) aluminiumsilicate, calcined (92704-41-1) pH 4 - 6 (3.0 %)	рН	4 – 6 (3.0 %)	
titanium(IV) oxide (13463-67-7) pH	kaolin (1332-58-7)		
pH 7 (aqueous suspension, 10 %) Serious eye damage/irritation : Not classified talc (14807-96-6) PH pH No data available in the literature quartz, crystalline silica (14808-60-7) PH pH 5 - 8 (40 %, 20 °C) aluminiumsilicate, calcined (92704-41-1) PH pH 4 - 6 (3.0 %)	рН	4.5 Source: hsdb	
Serious eye damage/irritation : Not classified talc (14807-96-6) pH	titanium(IV) oxide (13463-67-7)		
talc (14807-96-6) pH	рН	7 (aqueous suspension, 10 %)	
pH No data available in the literature quartz, crystalline silica (14808-60-7) 5 - 8 (40 %, 20 °C) pH 5 - 8 (40 %, 20 °C) aluminiumsilicate, calcined (92704-41-1) 4 - 6 (3.0 %)	Serious eye damage/irritation :	Not classified	
quartz, crystalline silica (14808-60-7) pH 5 - 8 (40 %, 20 °C) aluminiumsilicate, calcined (92704-41-1) 4 - 6 (3.0 %)	talc (14807-96-6)		
pH 5 - 8 (40 %, 20 °C) aluminiumsilicate, calcined (92704-41-1) pH 4 - 6 (3.0 %)	рН	No data available in the literature	
aluminiumsilicate, calcined (92704-41-1) pH	quartz, crystalline silica (14808-60-7)		
pH 4 – 6 (3.0 %)	рН	5 – 8 (40 %, 20 °C)	
	aluminiumsilicate, calcined (92704-41-1)		
kaolin (1332-58-7)	pH	4 – 6 (3.0 %)	
Adolii (1002-00-1)	kaolin (1332-58-7)		
pH 4.5 Source: hsdb	рН	4.5 Source: hsdb	

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titanium(IV) oxide (13463-67-7)		
рН		7 (aqueous suspension, 10 %)
Respiratory or skin sensitisation	:	Not classified
Germ cell mutagenicity	:	Not classified
Carcinogenicity	:	May cause cancer.
talc (14807-96-6)		
IARC group		3 - Not classifiable, 2B - Possibly carcinogenic to humans
quartz, crystalline silica (14808-60-7)		
IARC group		1 - Carcinogenic to humans
National Toxicity Program (NTP) Status		Known Human Carcinogens
titanium(IV) oxide (13463-67-7)		
IARC group		2B - Possibly carcinogenic to humans
Reproductive toxicity	:	Not classified
STOT-single exposure		Not classified
STOT-repeated exposure	:	Not classified
quartz, crystalline silica (14808-60-7)		
STOT-repeated exposure		May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard		Not classified
Viscosity, kinematic	:	No data available
talc (14807-96-6)		
Viscosity, kinematic		Not applicable (solid)
quartz, crystalline silica (14808-60-7)		
Viscosity, kinematic		Not applicable (solid)
aluminiumsilicate, calcined (92704-41-	1)	
Viscosity, kinematic		Not applicable (solid)
titanium(IV) oxide (13463-67-7)		
Viscosity, kinematic		Not applicable (solid)
Symptoms/effects after inhalation		Although no appropriate human or animal health effects data are known to exist, this material is
O manhamadaffa ata affan di		expected to be an inhalation hazard.
Symptoms/effects after skin contact		None under normal conditions.
Symptoms/effects after eye contact Symptoms/effects after ingestion		None under normal conditions. None under normal conditions.
Symptoms/effects after ingestion	•	Notic utiliat format conditions.

SECTION 12: Ecological information

12.1. Toxicity	
Ecology - general :	Toxic to aquatic life. Toxic to aquatic life with long lasting effects.
talc (14807-96-6)	
LC50 - Fish [1]	89581 mg/l (ECOSAR v1.00, 96 h, Pisces, Fresh water, QSAR)
EC50 96h - Algae [1]	7203 mg/l (ECOSAR v1.00, Algae, Fresh water, QSAR)

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aluminiumsilicate, calcined (92704-41-1)		
LC50 - Fish [1]	> 100 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Salmo gairdneri)	
EC50 - Crustacea [1]	> 1 mg/l Source: IUCLID	
EC50 72h - Algae [1]	> 100 mg/l (OECD 201: Alga, Growth Inhibition Test, Scenedesmus subspicatus)	
EC50 72h - Algae [2]	410 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)	
NOEC (chronic)	1000 mg/l Test organisms (species): Daphnia magna Duration: '21 d'	
titanium(IV) oxide (13463-67-7)		
LC50 - Fish [1]	> 300 mg/l (Danio rerio, Fresh water, Literature study, Nominal concentration)	
EC50 - Crustacea [1]	> 100 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, Locomotor effect)	

12.2. Persistence and degradability

Rich Wood PRO Waterborne Lacquer Undercoater White		
Persistence and degradability	Not rapidly degradable	
talc (14807-96-6)		
Persistence and degradability	Biodegradability: not applicable.	
Chemical oxygen demand (COD)	Not applicable	
ThOD	Not applicable	
BOD (% of ThOD)	Not applicable	
quartz, crystalline silica (14808-60-7)		
Persistence and degradability	Biodegradability: not applicable.	
Chemical oxygen demand (COD)	Not applicable (inorganic)	
ThOD	Not applicable (inorganic)	
aluminiumsilicate, calcined (92704-41-1)		
Persistence and degradability	Biodegradability: not applicable.	
Chemical oxygen demand (COD)	Not applicable	
ThOD	Not applicable	
BOD (% of ThOD)	Not applicable	
distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)		
Persistence and degradability	Rapidly degradable	
kaolin (1332-58-7)		
Persistence and degradability	Biodegradability: not applicable.	
Chemical oxygen demand (COD)	Not applicable (inorganic)	
ThOD	Not applicable (inorganic)	
titanium(IV) oxide (13463-67-7)		
Persistence and degradability	Biodegradability: not applicable.	
Chemical oxygen demand (COD)	Not applicable (inorganic)	

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titanium(IV) oxide (13463-67-7)	
ThOD	Not applicable (inorganic)

12.3. Bioaccumulative potential

talc (14807-96-6)		
BCF - Other aquatic organisms [1]	3.162 l/kg (BCFBAF v3.01, Fresh water, QSAR)	
Bioaccumulative potential	Not bioaccumulative.	
quartz, crystalline silica (14808-60-7)		
Bioaccumulative potential	Not bioaccumulative.	
aluminiumsilicate, calcined (92704-41-1)		
Bioaccumulative potential	No bioaccumulation data available.	
kaolin (1332-58-7)		
Bioaccumulative potential	No bioaccumulation data available.	
titanium(IV) oxide (13463-67-7)		
Bioaccumulative potential	Not bioaccumulative.	

12.4. Mobility in soil

talc (14807-96-6)		
Surface tension	Not applicable (water solubility < 1 mg/l)	
Ecology - soil	Adsorbs into the soil.	
quartz, crystalline silica (14808-60-7)		
Surface tension	No data available in the literature	
Ecology - soil	Low potential for mobility in soil.	
kaolin (1332-58-7)		
Ecology - soil	No (test)data on mobility of the substance available.	
titanium(IV) oxide (13463-67-7)		
Surface tension	No data available in the literature	
Ecology - soil	Low potential for mobility in soil.	

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods

Regional waste regulation : Disposal must be done according to official regulations.

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

Sewage disposal recommendations : Disposal must be done according to official regulations. Product/Packaging disposal recommendations : Disposal must be done according to official regulations.

Additional information : Do not re-use empty containers.

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SECTION 14: Transport information

DOT	IMDG	IATA	
14.1. UN number			
Not regulated for transport			
14.2. Proper Shipping Name			
Not regulated	Not regulated	Not regulated	
14.3. Transport hazard class(es)			
Not regulated	Not regulated	Not regulated	
14.4. Packing group			
Not regulated	Not regulated	Not regulated	
14.5. Environmental hazards			
Not regulated	Not regulated	Not regulated	
No supplementary information available			

14.6. Special precautions for user

DOT

Not regulated

IMDG

Not regulated

IATA

Not regulated

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

ammonium hydroxide, 25%≤conc<35%, aqueous	CAS-No. 1336-21-6	< 5%
solutions		

15.2. International regulations

CANADA

talc (14807-96-6)

Listed on the Canadian DSL (Domestic Substances List)

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quartz, crystalline silica (14808-60-7)

Listed on the Canadian DSL (Domestic Substances List)

aluminiumsilicate, calcined (92704-41-1)

Listed on the Canadian DSL (Domestic Substances List)

distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)

Listed on the Canadian DSL (Domestic Substances List)

kaolin (1332-58-7)

Listed on the Canadian DSL (Domestic Substances List)

titanium(IV) oxide (13463-67-7)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

National regulations

talc (14807-96-6)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

quartz, crystalline silica (14808-60-7)

Listed on IARC (International Agency for Research on Cancer)

Listed as carcinogen on NTP (National Toxicology Program)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

kaolin (1332-58-7)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

titanium(IV) oxide (13463-67-7)

Listed on IARC (International Agency for Research on Cancer)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

15.3. US State regulations



This product can expose you to chemicals including Carbon black (airborne, unbound particles of respirable size), which is known to the State of California to cause cancer, and Ethylene glycol (ingested), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

SECTION 16: Other information

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Full text of hazard classes and H-statements	
H332	Harmful if inhaled.
H350	May cause cancer.
H351	Suspected of causing cancer.
H373	May cause damage to organs through prolonged or repeated exposure.
H401	Toxic to aquatic life
H411	Toxic to aquatic life with long lasting effects.

Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.