Fire Finish 60+
CFP-SP WB

Safety Data Sheet

according to SOR/2015-17, Hazardous Products Regulations (HPR)
Issue date: 11/04/2025 Revision date: 11/04/2025 Supersedes: 07/21/2025 Version: 2.0

SECTION 1: Identification

1.1. Product identifier

Product form	Mixture
Product name	Fire Finish 60+ CFP-SP WB
Product code	BU Fire Protection

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

No additional information available

1.4. Supplier's details

Supplier
Hilti (Canada) Corp.
2201 Bristol Circle
Suite 700
CA L6H 0J8 Oakville, Ontario
Canada
T +1905 8139200
1-800-363-4458 toll free, F +1 905 813 9009
ca-sales@hilti.com

Department issuing data specification sheet
Hilti AG
Feldkircher Strasse 100
FL 9494 Schaan
Liechtenstein
T +423 234 2111
product.compliance-fire.protection@hilti.com

1.5. Emergency telephone number

Emergency number	Emergency CONTACT (24-Hour-Number) GBK/Infotrac ID 101022 (USA domestic) 1 800 535 5053 or international (001) 352 323 3500

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Classification (GHS CA)

Carcinogenicity, Category 2	H351	Suspected of causing cancer.
Reproductive toxicity, Category 2	H361	Suspected of damaging fertility or the unborn child
Specific target organ toxicity, Repeated exposure, Category 2	H373	May cause damage to organs (urinary system) through prolonged or repeated exposure.

Full text of H-statements: see section 16

2.2. GHS Label elements, including precautionary statements

GHS CA labelling

Hazard pictograms (GHS CA)

Signal word (GHS CA) Warning

Hazard statements (GHS CA)	H351 - Suspected of causing cancer. H361 - Suspected of damaging fertility or the unborn child H373 - May cause damage to organs (urinary system) through prolonged or repeated exposure.
Precautionary statements (GHS CA)	P260 - Do not breathe mist. P280 - Wear eye protection, protective clothing, protective gloves. P302+P352 - IF ON SKIN: Wash with plenty of water. P333+P313 - If skin irritation or rash occurs: Get medical advice or attention. P308+P313 - IF exposed or concerned: Get medical advice or attention.

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	%	Classification (GHS CA)
melamine	1,3,5-triazine-2,4,6-triamine; melamine 1,3,5-triazine-2,4,6(1H,3H,5H)-triimine / 1,3,5-triazine-2,4,6-triamine / 2,4,6-triamino-1,3,5-triazine / 2,4,6-triamino-s-triazine / 2,4,6-triamino-symmetrical-triazine / 4-triazinetriamine / aero / cyanuramide / cyanuric triamide / cyanurotriamide / cyanurotriamine / cyanurtriamide / cyaramide / cymel / DG 002 (amine) / fertilizer / hicophor PR / isomelamine / melamine / normal-cyanuramide / normal-melamine / pluragard / pluragard C 133 / s-triazine, 2,4,6-triamino- / s-triazinetriamine / symmetrical-triaminotriazine / sym-triaminotriazine / teoharn / theoharn / TR / triaminotriazine / virset 656-4	CAS-No.: 108-78-1	5 - 15	Carc. 2, H351 Repr. 2, H361 STOT RE 2, H373

Name	Chemical name / Synonyms	Product identifier	%	Classification (GHS CA)
Titanium dioxide	titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm]	CAS-No.: 13463-67-7	1 - 10	Not classified
pentaerythritol	1,2-propanediol, 2,2-bis(hydroxymethyl) / 1,3-propanediol, 2,2-bis(hydroxymethyl)- / 2,2-bis(hydroxymethyl)-1,3-propanediol / 2,3-bishydroxymethyl-1,3-propanediol / auxinutril / HERCULES P6 / maxinutril / metab-auxil / methane tetramethylol / mono PE / monopentaerythritol / monopentek / PE (=pentaerythrite) / PE 200 / penetek / penta / penta R / pentaeritrite / pentaeritritol-M / pentaeritritol-T / pentaerythrite / pentaerythrite R / pentaerythritol / pentaerytrite R / pentek / tetrahydroxymethylmethane / tetrahydroxymethylolmethane / tetrakis(hydroxymethyl)methane / tetramethylolmethane	CAS-No.: 115-77-5	5 – 10	Not classified

kaolin	AF950 / altowhite / altowhites / anauxite / andalusite / argilla / argilla alba / asp / asp 400P / asp-nc / barden clay / bentone / blue ridge / bolus / bolus alba / BUCA / C.I.77004 / catalpo / catalpo X1 / china clay / clay / clay 347 / clay filtrol 1 / clay glomax IL / clay hydrite R / clay processed pembina 130 / continental (=kaolin) / cornish clay / cyanite / devolite / dickite / dixie (=kaolin) / electros / emathlite / endellite / fitrol / fitrol desiccite 25 / glomax / grade B / grade E / hydrite / kao-gel / kaolin / kaolin clay / kaolin clay AC-3 / kaolin clay hydrosperse huber / kaolin colloidal / kaopaous / kaophills-2 / kochite / langford / light kaolin / mcnamee / mullite / myelin / nacrite / newtonite / osmo kaolin / par / parclay / peerless (=kaolin) / pencil stone / pharmolin / pipeclay / porcelain clay / porcelain earth / pyrax A / pyrax	CAS-No.: 1332-58-7	< 5	Not classified

Name	Chemical name / Synonyms	Product identifier	%	Classification (GHS CA)
	ABB / pyrax B / pyrax HS / pyrax RG 1/4 / pyrax RG 140 / pyrax RG 16 / pyrax RG 200 / pyrax RG 3/8 / pyrax WA / pyrophyllite / satintone(=kaolin) / sillikolloid / sillikoloid / sillimanite / sillitin N82 / sillitin N85 / sillitin N89 / sillitin Z86 / snow tex / SP33 / speswhite china clay / stockalite / suprex / takizolit / takizolite / termierite / ton / translink 445 (=kaolin) / translink 555 (=kaolin) / translink hf-900 (=kaolin) / ultralink / veecote / white bole / X2720			

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 after inhalation: Remove person to fresh air and keep comfortable for breathing. Allow affected person to breathe fresh air. Allow the victim to rest.

First-aid measures after skin contact: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash with plenty of water/…. If skin irritation or rash occurs: Get medical advice/attention. Specific treatment (see supplemental first aid instruction on this label). Wash contaminated clothing before reuse. Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.

First-aid measures after eye contact: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists. Rinse eyes with water as a precaution.

First-aid measures after ingestion: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Call a poison center or a doctor if you feel unwell.

First-aid measures general: IF exposed or concerned: Get medical advice/attention.

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

Symptoms/effects after inhalation	May cause an allergic skin reaction.
Symptoms/effects after skin contact	May cause an allergic skin reaction.
Symptoms/effects after eye contact	None under normal conditions.
Symptoms/effects after ingestion	None under normal conditions.
Potential adverse human health effects and symptoms	Based on available data, the classification criteria are not met.

4.3. Immediate medical attention and special treatment, if necessary

Other medical advice or treatment	Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

Suitable extinguishing media	Sand. Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media	Do not use a heavy water stream.

5.2. Specific hazards arising from the hazardous product

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	Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment. Do not enter fire area without proper protective equipment, including respiratory protection.
Protection during firefighting	Do not enter fire area without proper protective equipment, including respiratory protection. 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.

6.2. Methods and materials for containment and cleaning up

For containment	Absorb spilled material with sand or earth. 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. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials. Notify authorities if product enters sewers or public waters.
Other information	Dispose of materials or solid residues at an authorized site.

See Section 8,Exposure controls and personal protection,For further information refer to section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	Ensure good ventilation of the work station. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear personal protective equipment. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray.
Hygiene measures	Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
Additional hazards when processed	Not expected to present a significant hazard under anticipated conditions of normal use.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures	Keep in a cool, well-ventilated place away from heat.
Storage conditions	Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use. Store locked up.
Incompatible products	Strong bases. Strong acids.
Incompatible materials	Sources of ignition. Direct sunlight.
Packaging materials	Always store product in container of same material as original container.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Titanium dioxide (13463-67-7)	
Canada (Alberta) - Occupational Exposure Limits	
Local name	Titanium dioxide
OEL TWA	10 mg/m³
Notations and remarks	Occupational exposure limit is based on irritation effects and its adjustment to compensate for unusual work schedules is not required.
Regulatory reference	Alberta Regulation 191/2021
Canada (Quebec) - Occupational Exposure Limits	
Local name	Titanium dioxide
VEMP (OEL TWAEV)	10 mg/m³ Td
Notations and remarks	Note 1: The standard corresponds to dust containing no asbestos and the percentage in crystalline silica is less than 1%
Regulatory reference	S-2.1, r. 13 - Regulation respecting occupational health and safety
Canada (British Columbia) - Occupational Exposure Limits	
Local name	Titanium dioxide
OEL TWA	10 mg/m³ Total dust 3 mg/m³ Respirable fraction
Notations and remarks	IARC group 2B carcinogen

Regulatory reference	OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC)
Canada (Manitoba) - Occupational Exposure Limits	
Local name	Titanium dioxide
OEL TWA	0.2 mg/m³ (Nanoscale particles. R - Repirable particulate matter) 2.5 mg/m³ (Finescale particles. R - Repirable particulate matter)
Notations and remarks	TLV® Basis: LRT irr; pneumoconiosis. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)
Regulatory reference	ACGIH 2025
Canada (New Brunswick) - Occupational Exposure Limits	
Local name	Titanium dioxide
OEL TWA	10 mg/m³
Notations and remarks	LRT irr
Canada (Newfoundland and Labrador) - Occupational Exposure Limits	
Local name	Titanium dioxide
OEL TWA	0.2 mg/m³ (Nanoscale particles. R - Repirable particulate matter) 2.5 mg/m³ (Finescale particles. R - Repirable particulate matter)
Notations and remarks	TLV® Basis: LRT irr; pneumoconiosis. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)
Regulatory reference	ACGIH 2025
Canada (Nova Scotia) - Occupational Exposure Limits	
Local name	Titanium dioxide
OEL TWA	0.2 mg/m³ (Nanoscale particles. R - Repirable particulate matter) 2.5 mg/m³ (Finescale particles. R - Repirable particulate matter)
Notations and remarks	TLV® Basis: LRT irr; pneumoconiosis. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)
Regulatory reference	ACGIH 2025
Canada (Nunavut) - Occupational Exposure Limits	
Local name	Titanium dioxide
OEL TWA	10 mg/m³
OEL STEL	20 mg/m³
Regulatory reference	Occupational Health and Safety Regulations, Nu Reg 003-2016 (Amendment R-044-2021)
Canada (Northwest Territories) - Occupational Exposure Limits	
Local name	Titanium dioxide
OEL TWA	10 mg/m³
OEL STEL	20 mg/m³
Regulatory reference	Occupation Health and Safety Regulations R-039-2015 (R-090-2024)

Canada (Ontario) - Occupational Exposure Limits	
Local name	Titanium dioxide
OEL TWAEV	10 mg/m³
Regulatory reference	Occupational Health and Safety Act, R.S.O. 1990, c. O.1 - R.R.O. 1990, Reg. 833: Control of exposure to biological or chemical agents
Canada (Prince Edward Island) - Occupational Exposure Limits	
Local name	Titanium dioxide
OEL TWA	0.2 mg/m³ (Nanoscale particles. R - Repirable particulate matter) 2.5 mg/m³ (Finescale particles. R - Repirable particulate matter)
Notations and remarks	TLV® Basis: LRT irr; pneumoconiosis. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)
Regulatory reference	ACGIH 2025
Canada (Saskatchewan) - Occupational Exposure Limits	
Local name	Titanium dioxide
OEL TWA	10 mg/m³
OEL STEL	20 mg/m³
Regulatory reference	The Occupational Health and Safety Regulations, 2020. Chapter S-15.1 Reg 10

pentaerythritol (115-77-5)	
Canada (Alberta) - Occupational Exposure Limits	
Local name	Pentaerythritol
OEL TWA	10 mg/m³
Notations and remarks	Occupational exposure limit is based on irritation effects and its adjustment to compensate for unusual work schedules is not required.
Regulatory reference	Alberta Regulation 191/2021
Canada (Quebec) - Occupational Exposure Limits	
Local name	Pentaerythritol
VEMP (OEL TWAEV)	10 mg/m³
Regulatory reference	S-2.1, r. 13 - Regulation respecting occupational health and safety
Canada (British Columbia) - Occupational Exposure Limits	
Local name	Pentaerythritol
OEL TWA	10 mg/m³ Total dust 3 mg/m³ Respirable fraction
Regulatory reference	OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC)
Canada (Manitoba) - Occupational Exposure Limits	
Local name	Pentaerythritol
OEL TWA	10 mg/m³

Notations and remarks	TLV® Basis: GI irr
Regulatory reference	ACGIH 2023
Canada (Newfoundland and Labrador) - Occupational Exposure Limits	
Local name	Pentaerythritol
OEL TWA	10 mg/m³
Notations and remarks	TLV® Basis: GI irr
Regulatory reference	ACGIH 2023
Canada (Nova Scotia) - Occupational Exposure Limits	
Local name	Pentaerythritol
OEL TWA	10 mg/m³
Notations and remarks	TLV® Basis: GI irr
Regulatory reference	ACGIH 2023
Canada (Nunavut) - Occupational Exposure Limits	
Local name	Pentaerythritol
OEL TWA	10 mg/m³
OEL STEL	20 mg/m³
Regulatory reference	Occupational Health and Safety Regulations, Nu Reg 003-2016 (Amendment R-044-2021)
Canada (Northwest Territories) - Occupational Exposure Limits	
Local name	Pentaerythritol
OEL TWA	10 mg/m³
OEL STEL	20 mg/m³
Regulatory reference	Occupation Health and Safety Regulations R-039-2015 (R-013-2020)
Canada (Ontario) - Occupational Exposure Limits	
Local name	Pentaerythritol
OEL TWAEV	10 mg/m³
Regulatory reference	Ontario Occuational Exposure Limits under Regulation 833
Canada (Prince Edward Island) - Occupational Exposure Limits	
Local name	Pentaerythritol
OEL TWA	10 mg/m³
Notations and remarks	TLV® Basis: GI irr
Regulatory reference	ACGIH 2023
Canada (Saskatchewan) - Occupational Exposure Limits	
Local name	Pentaerythritol
OEL TWA	10 mg/m³

OEL STEL	20 mg/m³
Regulatory reference	The Occupational Health and Safety Regulations, 2020. Chapter S-15.1 Reg 10

melamine (108-78-1)	
Canada (British Columbia) - Occupational Exposure Limits	
Local name	Melamine
Notations and remarks	IARC group 2B carcinogen
Regulatory reference	OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC)

Additional information: The product has a pasty consistency. Exposure limit values for respirable dusts are not relevant for this product.

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:
Protective clothing. Protective goggles. Gloves. Avoid all unnecessary exposure.

Materials for protective clothing:
Wear protective clothing

Hand protection:
Wear protective gloves.

Eye protection:
Chemical goggles or safety glasses. Safety glasses

Skin and body protection:
Wear suitable protective clothing

Respiratory protection:
During spraying wear suitable respiratory equipment. [In case of inadequate ventilation] wear respiratory protection.

Personal protective equipment symbol(s):

Other information:
Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Pasty.
Colour	white
Odour	characteristic
Odour threshold	No data available
pH	7.5 – 8.6
Relative evaporation rate (butylacetate=1)	No data available
Relative evaporation rate (ether=1)	No data available
Melting point	Not applicable
Freezing point	No data available
Boiling point	No data available
Flash point	> 150 °C
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Flammability (solid, gas)	Non flammable.
Vapour pressure	No data available
Relative vapour density at 20°C	No data available
Relative density	No data available
Density	1.1 – 1.44 g/cm³
Solubility	No data available
Partition coefficient n-octanol/water (Log Pow)	No data available
Viscosity, kinematic	10431.756 – < 31748.823 mm²/s
Viscosity, dynamic	15000 – 35000 mPa·s
Explosive limits	No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

Reactivity	The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability	Not established.
Possibility of hazardous reactions	Not established.
Conditions to avoid	Direct sunlight. Extremely high or low temperatures.
Incompatible materials	Strong acids. Strong bases.
Hazardous decomposition products	fume. Carbon monoxide. Carbon dioxide.
Hardening time:	No additional information available

SECTION 11: Toxicological information

11.1. Information on toxicological effects

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

Titanium dioxide (13463-67-7)	
LD50 oral rat	> 2000 mg/kg bodyweight (OECD 401: Acute Oral Toxicity, Rat, Male / female, Experimental value, Oral, 14 day(s))

Titanium dioxide (13463-67-7)	
LD50 oral	> 5000 mg/kg
LC50 Inhalation - Rat (Dust/Mist)	> 6.82 mg/l/4h

pentaerythritol (115-77-5)	
LD50 oral rat	> 5110 mg/kg bodyweight (OECD 401: Acute Oral Toxicity, Rat, Male / female, Experimental value, Oral, 14 day(s))
LD50 dermal rabbit	> 10000 mg/kg (Equivalent or similar to OECD 402, 24 h, Rabbit, Male / female, Experimental value, Dermal, 14 day(s))
LC50 Inhalation - Rat	> 5.15 mg/l (OECD 403: Acute Inhalation Toxicity, 4 h, Rat, Male / female, Experimental value, Inhalation (dust))

melamine (108-78-1)	
LD50 oral rat	3161 – 3828 mg/kg bodyweight (Rat, Male / female, Experimental value, Oral, 14 day(s))
LD50 oral	3160 mg/kg
LD50 dermal rabbit	> 1000 mg/kg (Rabbit, Experimental value, Dermal)
LC50 Inhalation - Rat	> 5.19 mg/l (OECD 403: Acute Inhalation Toxicity, 4 h, Rat, Male / female, Experimental value, Inhalation (aerosol))
LC50 Inhalation - Rat (Dust/Mist)	5.19 mg/l/4h

Skin corrosion/irritation	Not classified pH: 7.5 – 8.6
Serious eye damage/irritation	Not classified pH: 7.5 – 8.6
Respiratory or skin sensitization	Not classified
Germ cell mutagenicity	Not classified
Carcinogenicity	Suspected of causing cancer.

Titanium dioxide (13463-67-7)	
IARC group	2B - Possibly carcinogenic to humans

melamine (108-78-1)	
IARC group	2B - Possibly carcinogenic to humans

Reproductive toxicity	Suspected of damaging fertility or the unborn child.
STOT-single exposure	Not classified
STOT-repeated exposure	May cause damage to organs (urinary system) through prolonged or repeated exposure.

melamine (108-78-1)	
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard	Not classified

Fire Finish 60+	CFP-SP WB
Viscosity, kinematic	10431.756 – < 31748.823 mm²/s

Potential adverse human health effects and symptoms	Based on available data, the classification criteria are not met.
Symptoms/effects after inhalation	May cause an allergic skin reaction.
Symptoms/effects after skin contact	May cause an allergic skin reaction.

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

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Hazardous to the aquatic environment, short–term (acute)	Not classified
Hazardous to the aquatic environment, long–term (chronic)	Not classified

pentaerythritol (115-77-5)	
LC50 - Fish [1]	> 100 mg/l (Equivalent or similar to OECD 203, 96 h, Oryzias latipes, Semi-static system, Fresh water, Experimental value, Lethal)
EC50 - Crustacea [1]	> 1000 mg/l (Equivalent or similar to OECD 202, 24 h, Daphnia magna, Static system, Fresh water, Experimental value, Locomotor effect)
EC50 72h - Algae [1]	> 1000 mg/l (OECD 201: Alga, Growth Inhibition Test, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, Growth rate)

melamine (108-78-1)	
LC50 - Fish [1]	> 3000 mg/l (96 h, Oncorhynchus mykiss, Semi-static system, Fresh water, Experimental value, Nominal concentration)
EC50 - Crustacea [1]	200 mg/l (EPA OPP 72-2, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, Locomotor effect)
ErC50 algae	196 mg/l
EC50 96h - Algae [1]	325 mg/l (Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, Nominal concentration)
NOEC chronic fish	5.1 mg/l
NOEC chronic crustacea	11 mg/l
NOEC chronic algae	31 mg/l

12.2. Persistence and degradability

Fire Finish 60+	CFP-SP WB
Persistence and degradability	Not established.

Titanium dioxide (13463-67-7)	
Not rapidly degradable	
Persistence and degradability	Biodegradability: not applicable.
Chemical oxygen demand (COD)	Not applicable (inorganic)
ThOD	Not applicable (inorganic)

pentaerythritol (115-77-5)	
Not rapidly degradable	
Persistence and degradability	Readily biodegradable in water.
Biochemical oxygen demand (BOD)	0.067 g O_2/g substance
Chemical oxygen demand (COD)	1.38 g O_2/g substance
ThOD	1.41 g O_2/g substance

kaolin (1332-58-7)	
Persistence and degradability	Biodegradability: not applicable.
Chemical oxygen demand (COD)	Not applicable (inorganic)
ThOD	Not applicable (inorganic)

melamine (108-78-1)	
Not rapidly degradable	
Persistence and degradability	Not readily biodegradable in water.
ThOD	3.04 g O_2/g substance

12.3. Bioaccumulative potential

Fire Finish 60+	CFP-SP WB
Bioaccumulative potential	Not established.

Titanium dioxide (13463-67-7)	
Bioaccumulative potential	Not bioaccumulative.

pentaerythritol (115-77-5)	
Bioaccumulative potential	Not bioaccumulative.
BCF - Fish [1]	0.3 – 2 (OECD 305: Bioconcentration: Flow-Through Fish Test, 6 week(s), Cyprinus carpio, Flow-through system, Experimental value)
Partition coefficient n-octanol/water (Log Pow)	-1.7 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 23 °C)

kaolin (1332-58-7)	
Bioaccumulative potential	No bioaccumulation data available.

melamine (108-78-1)	
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).
BCF - Fish [1]	0.05 – 0.11 (72 h, Oncorhynchus mykiss, Static system, Fresh water, Experimental value)
Partition coefficient n-octanol/water (Log Pow)	-1.22 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 22 °C)

12.4. Mobility in soil

Titanium dioxide (13463-67-7)	
Surface tension	No data available in the literature
Ecology - soil	Low potential for mobility in soil.
pentaerythritol (115-77-5)	
Surface tension	71 mN/m (20 °C, 1 g/l)
Ecology - soil	No (test)data on mobility of the substance available.
kaolin (1332-58-7)	
Ecology - soil	No (test)data on mobility of the substance available.
melamine (108-78-1)	
Ecology - soil	Highly mobile in soil.
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	1.51 (log Koc, SRC PCKOCWIN v2.0, QSAR)

12.5. Other adverse effects

Ozone	Not classified
Other information	Avoid release to the environment.

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	Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. Disposal must be done according to official regulations.
Additional information	Do not re-use empty containers.
Ecological waste information	Avoid release to the environment.

SECTION 14: Transport information

In accordance with TDG / DOT / IMDG / IATA

TDG	DOT	IMDG	IATA
14.1. UN number			
Not regulated for transport			
14.2. Proper Shipping Name			
Not regulated	Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)			
Not regulated	Not regulated	Not regulated	Not regulated

TDG	DOT	IMDG	IATA
14.4. Packing group			
Not regulated	Not regulated	Not regulated	Not regulated
14.5. Environmental hazards			
Not regulated	Not regulated	Not regulated	Not regulated
No supplementary information available			

14.6. Special precautions for user

TDG
Not regulated

DOT
Not regulated

IMDG
Not regulated

IATA
Not regulated

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

Not applicable

SECTION 15: Regulatory information

15.1. National regulations

Fire Finish 60+	CFP-SP WB
Canada DSL & NDSL Flags	All components of this product are listed, or excluded from listing, on the Canadian Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

Titanium dioxide (13463-67-7)
Listed on the Canadian DSL (Domestic Substances List)

pentaerythritol (115-77-5)
Listed on the Canadian DSL (Domestic Substances List)

kaolin (1332-58-7)
Listed on the Canadian DSL (Domestic Substances List)

melamine (108-78-1)
Listed on the Canadian DSL (Domestic Substances List)

SECTION 16: Other information

Issue date 11-04-2025

Fire Finish 60+
CFP-SP WB

Safety Data Sheet

according to SOR/2015-17, Hazardous Products Regulations (HPR)

Revision date	11-04-2025
Supersedes	07-21-2025

Indication of changes			
Section	**Changed item**	**Change**	**Comments**
			SOR/2015-17, Hazardous Products Regulations (HPR)

Data sources	REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.
Other information	None.

Full text of hazard classes and H-statements:	
H351	Suspected of causing cancer.
H361	Suspected of damaging fertility or the unborn child
H373	May cause damage to organs through prolonged or repeated exposure.

Abbreviations and acronyms:	
ACGIH	American Conference of Government Industrial Hygienists
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
CAS-No.	Chemical Abstract Service number
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
COD	Chemical oxygen demand (COD)
CSA	Chemical safety assessment
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC-No.	European Community number
EC50	Median effective concentration
ED	Endocrine disruptor
EN	European Standard
EWC	European waste catalogue

Abbreviations and acronyms:	
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
Log Kow	Partition coefficient n-octanol/water (Log Kow)
Log Pow	Partition coefficient n-octanol/water (Log Pow)
MAK	maximum workplace concentration
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
N.O.S.	Not Otherwise Specified
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
OSHA	Occupational Safety Health Administration
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
PPE	Personal protection equipment
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
TF	Technical function
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
TWA	Time Weighted Average
VOC	Volatile Organic Compounds
vPvB	Very Persistent and Very Bioaccumulative
UFI	Unique Formula Identifier

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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.