



SECTION 1: Identification

1.1. Identification

Product name : Flex Paste White
Product code : PFSWHTR10; PFSWHTR16; PFSWHTR32; PFSWHTR64; PFSMAXWHT01; US715WHT10; US715WHT16 and US715WHT32
Product form : Mixture

1.2. Recommended use and restrictions on use

Use of the substance/mixture : Adhesives, binding agents
Restrictions on use : None

1.3. Supplier

UNITED STATES	CANADA
Swift Response LLC. 15499 SW 12th Street, Sunrise, FL 33326	Swift Response LLC. 277 Humberline Drive Toronto, ON M9W 0B6

1.4. Emergency telephone number

Emergency number : Chemtrec (800) 424-9300

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Skin sensitization, Category 1	H317	May cause an allergic skin reaction
Reproductive toxicity Category 1B	H360	May damage the unborn child.
Full text of H statements : see section 16		

2.2. GHS Label elements, including precautionary statements

GHS US labeling

Hazard pictograms (GHS US) :



Signal word (GHS US) : Danger
Hazard statements (GHS US) : H317 - May cause an allergic skin reaction
H360 - May damage the unborn child.
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 vapors.
P272 - Contaminated work clothing must not be allowed out of the workplace.
P280 - Wear protective gloves, protective clothing, eye protection.
P302+P352 - If on skin: Wash with plenty of water.
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P363 - Wash contaminated clothing before reuse.

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

P405 - Store locked up.

P501 - Dispose of contents/container to a 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)

No additional information available

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%
Calcium Carbonate	CAS-No.: 1317-65-3	< 65
Titanium Dioxide	CAS-No.: 13463-67-7	1 – 5
Trimethoxyvinylsilane	CAS-No.: 2768-02-7	1 - 5
Silicon Dioxide, Quartz	CAS-No.: 14808-60-7	< 1
Dibutylbis(pentane-2,4-dionato-O,O')tin	CAS-No.: 22673-19-4	< 1
Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate	CAS-No.: 52829-07-9	< 1

*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

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.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. If symptoms persist, call a physician.
First-aid measures after skin contact	: Wash skin with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Call a poison center or a doctor if you feel unwell.

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

Symptoms/effects	: May cause minor irritation to the respiratory tract and to other mucous membranes. May cause slight temporary irritation. May cause an allergic skin reaction. May damage the unborn child. Suspected of damaging fertility.
Inhalation	: May cause minor irritation to the respiratory tract and to other mucous membranes.
Skin	: May cause slight irritation to the skin. May cause an allergic skin reaction.
Eyes	: May cause minor eye irritation.
Ingestion	: Irritation to the digestive tract.
Chronic symptoms	: May damage the unborn child. Suspected of damaging fertility.

4.3. Immediate medical attention and special treatment, if necessary

None under normal conditions. Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire. Water spray. Dry powder. Alcohol-resistant foam. Carbon dioxide.

Unsuitable extinguishing media : Not determined.

5.2. Specific hazards arising from the chemical

Fire hazard : Not classified.

Explosion hazard : Intense heat may cause container to burst.

Hazardous decomposition products in case of fire : Toxic vapors may be released. Carbon oxides (CO, CO₂). Silicon oxides. Metal oxides.

5.3. Special protective equipment and precautions for fire-fighters

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 : Ventilate area. Avoid contact with eyes, skin and clothing.

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. Do not breathe vapors. Keep unnecessary and unprotected personnel away from the spillage.

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".

6.2. Environmental precautions

Do not allow product to spread into the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Ventilate area. Mechanically recover the product. Place in a suitable container for disposal in accordance with the waste regulations (see Section 13). Thoroughly clean surrounding area.
Use personal protective equipment as required.

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

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For disposal of contaminated materials refer to section 13 : "Disposal considerations".

SECTION 7: Handling and storage**7.1. Precautions for safe handling**

Precautions for safe handling	: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Ensure adequate ventilation. Do not breathe vapors. Avoid contact with eyes, skin and clothing. Wear personal protective equipment. Handle in accordance with good industrial hygiene and safety procedures.
Hygiene measures	: Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Separate working clothes from town clothes. Launder separately.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	: Store locked up. Store in a well-ventilated place. Keep cool. Keep container tightly closed.
Incompatible materials	: Store away from strong oxidizers, strong bases, strong acids.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters**

Titanium Dioxide (13463-67-7)	
USA - ACGIH - Occupational Exposure Limits	
Local name	Titanium dioxide
ACGIH OEL TWA	0.2 mg/m ³ (Nanoscale particles. R - Repairable particulate matter) 2.5 mg/m ³ (Finescale particles. R - Repairable 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/m ³
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
Calcium Carbonate (1317-65-3)	
USA - OSHA - Occupational Exposure Limits	
Local name	Calcium Carbonate (Limestone; Marble)
OSHA PEL (TWA)	15 mg/m ³ (Total dust) 5 mg/m ³ (Respirable fraction)
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
Silicon Dioxide, Quartz (14808-60-7)	
USA - ACGIH - Occupational Exposure Limits	
Local name	Silica crystalline - quartz
ACGIH OEL TWA	0.025 mg/m ³ (R - Respirable particulate matter)
Remark (ACGIH)	TLV® Basis: Pulm fibrosis; lung cancer. Notations: A2 (Suspected Human Carcinogen)
Regulatory reference	ACGIH 2024

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Silicon Dioxide, Quartz (14808-60-7)	
USA - OSHA - Occupational Exposure Limits	
Local name	Quartz (Respirable) (Silica: Crystalline)
OSHA PEL (TWA)	0.05 mg/m ³ respirable dust
Remark (OSHA)	Table Z-3. For OSHA PEL (TWA): Use formulas: (250 / (%SiO ₂ +5)) for mppcf and (10 mg/m ³ / (%SiO ₂ +2)) for mg/m ³ . CAS No. source: eCFR Table Z-1.
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-3 Mineral Dusts

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure adequate ventilation.
Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Hand protection:
Wear suitable gloves
Eye protection:
Avoid contact with eyes. Safety glasses recommended.
Skin and body protection:
Wear suitable protective clothing
Respiratory protection:
In case of insufficient ventilation, wear suitable respiratory equipment

Thermal hazard protection:
Not applicable.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Paste. White.
Color	: White
Odor	: Odorless
Odor threshold	: No data available
pH	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: > 95 °C
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: Not applicable.
Vapor pressure	: No data available
Relative vapor density at 20°C	: No data available
Relative density	: 1.71 – 1.79
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available

Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosion limits	: No data available
Explosive properties	: Product is not explosive.
Oxidizing properties	: Not oxidising.

9.2. Other information

No additional information available

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

Avoid excessive heat. Avoid ignition sources.

10.5. Incompatible materials

Strong acids. Strong bases.

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)	: Not classified

Trimethoxyvinylsilane (2768-02-7)	
LC50 Inhalation - Rat (Vapours)	16.8 mg/l/4h
Titanium Dioxide (13463-67-7)	
LD50 oral rat	> 5000 mg/kg
LC50 Inhalation - Rat (Dust/Mist)	5.09 mg/l/4h
Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate (52829-07-9)	
LD50 oral rat	3700 mg/kg body weight (OECD 423 method)
LD50 dermal rat	> 3170 mg/kg body weight (OECD 402 method)
LC50 Inhalation - Rat	0.5 mg/l/4h (OECD 403 method)
Silicon Dioxide, Quartz (14808-60-7)	
LD50 oral rat	> 22500 mg/kg

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Dibutylbis(pentane-2,4-dionato-O,O')tin (22673-19-4)

LD50 oral rat	1864 mg/kg body weight (OECD 401 method)
LD50 dermal rat	> 2000 mg/kg body weight (OECD 402 method)

Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitization	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified. The Crystalline Silica is inextricably bound in the chemical matrix of this product and no exposure can occur. Titanium Dioxide is inextricably bound in the chemical matrix of this product and no exposure can occur. Contains no other components or impurities which will influence the classification of the product. ACGIH. IARC. NTP. OSHA

Titanium Dioxide (13463-67-7)

IARC group	2B - Possibly carcinogenic to humans
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Silicon Dioxide, Quartz (14808-60-7)

IARC group	1 - Carcinogenic to humans
National Toxicity Program (NTP) Status	Known Human Carcinogens

Reproductive toxicity : May damage the unborn child.

Dibutylbis(pentane-2,4-dionato-O,O')tin (22673-19-4)

NOAEL (animal/male, F0/P)	1.9 – 2.3 mg/kg body weight (OECD 421 method)
NOAEL (animal/female, F0/P)	1.7 – 2.4 mg/kg body weight (OECD 421 method)

STOT-single exposure : Not classified

Dibutylbis(pentane-2,4-dionato-O,O')tin (22673-19-4)

STOT-single exposure	Causes damage to organs.
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STOT-repeated exposure : Not classified

Trimethoxyvinylsilane (2768-02-7)

NOAEL (oral,rat,90 days)	62.5 mg/kg body weight (OECD 422 method)
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Silicon Dioxide, Quartz (14808-60-7)

STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure.
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Dibutylbis(pentane-2,4-dionato-O,O')tin (22673-19-4)

STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure.
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Aspiration hazard	: Not classified
Viscosity, kinematic	: No data available
Symptoms/effects	: May cause minor irritation to the respiratory tract and to other mucous membranes. May cause slight temporary irritation. May cause an allergic skin reaction. May damage the unborn child. Suspected of damaging fertility.
Inhalation	: May cause minor irritation to the respiratory tract and to other mucous membranes.
Skin	: May cause slight irritation to the skin. May cause an allergic skin reaction.
Eyes	: May cause minor eye irritation.
Ingestion	: Irritation to the digestive tract.
Chronic symptoms	: May damage the unborn child. Suspected of damaging fertility.

SECTION 12: Ecological information**12.1. Toxicity**

Ecology - general : May cause long-term adverse effects in the aquatic environment.

Trimethoxyvinylsilane (2768-02-7)

LC50 - Fish [1]	> 92.2 mg/l <i>Oryzias latipes</i> (Ricefish)
EC50 - Crustacea [1]	≈ 168.7 mg/l <i>Daphnia magna</i> (Water flea)
EC50 72h - Algae [1]	≥ 957 mg/l <i>Desmodesmus subspicatus</i>
LOEC (chronic)	52.4 mg/l Test organisms (species): <i>Daphnia magna</i> Duration: '21 d'
NOEC (chronic)	28.1 mg/l Test organisms (species): <i>Daphnia magna</i> Duration: '21 d'

Titanium Dioxide (13463-67-7)

LC50 - Fish [1]	> 1000 mg/l <i>Pimephales promelas</i> (Fathead minnow)
EC50 - Crustacea [1]	> 100 mg/l
EC50 - Crustacea [2]	27.8 mg/l <i>Daphnia magna</i> (Water flea)
EC50 72h - Algae [1]	> 100 mg/l <i>Pseudokirchneriella subcapitata</i>
NOEC (chronic)	≥ 2.92 mg/l <i>Daphnia magna</i> (Water flea)

Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate (52829-07-9)

LC50 - Fish [1]	5.29 mg/l <i>Oryzias latipes</i> (Ricefish)
EC50 - Crustacea [1]	8.58 mg/l <i>Daphnia magna</i> (Water flea)
EC50 72h - Algae [1]	0.705 mg/l <i>Raphidocelis subcapitata</i>
LOEC (chronic)	0.61 mg/l Test organisms (species): <i>Daphnia magna</i> Duration: '21 d'
NOEC (chronic)	0.23 mg/l Test organisms (species): <i>Daphnia magna</i> Duration: '21 d'

Silicon Dioxide, Quartz (14808-60-7)

LC50 - Fish [1]	> 10000 mg/l
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Dibutylbis(pentane-2,4-dionato-O,O')tin (22673-19-4)

LC50 - Fish [1]	> 2 mg/l <i>Oryzias latipes</i> (Ricefish)
EC50 - Crustacea [1]	≈ 0.0036 mg/l <i>Daphnia magna</i> (Water flea)
EC50 72h - Algae [1]	> 2 mg/l <i>Desmodesmus subspicatus</i>

12.2. Persistence and degradability**Flex Paste White**

Persistence and degradability	No data available
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Trimethoxyvinylsilane (2768-02-7)

Persistence and degradability	Not readily biodegradable.
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Titanium Dioxide (13463-67-7)

Persistence and degradability	Not rapidly degradable
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Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate (52829-07-9)

Persistence and degradability	Not readily biodegradable.
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Calcium Carbonate	
Persistence and degradability	Rapidly degradable
Silicon Dioxide, Quartz (14808-60-7)	
Persistence and degradability	Not biodegradable.
Dibutylbis(pentane-2,4-dionato-O,O')tin (22673-19-4)	
Persistence and degradability	Rapidly degradable

12.3. Bioaccumulative potential

Flex Paste White	
Bioaccumulative potential	No bioaccumulation.
Trimethoxyvinylsilane (2768-02-7)	
Bioconcentration factor (BCF REACH)	≤ 3
Bioaccumulative potential	Low bioaccumulation potential.
Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate (52829-07-9)	
Bioconcentration factor (BCF REACH)	197.1
Bioaccumulative potential	Bioaccumulation is not expected to occur.
Silicon Dioxide, Quartz (14808-60-7)	
Bioaccumulative potential	Not potentially bioaccumulable.

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods : Dispose in a safe manner in accordance with local/national regulations.

SECTION 14: Transport information

In accordance with DOT / TDG / IMDG / IATA

DOT	TDG	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

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DOT	TDG	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

DOT

Not regulated

TDG

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

Flex Paste White

SARA Section 311/312 Hazard Classes

Refer to Section 2 for OSHA Hazard Classification.

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

Titanium Dioxide (13463-67-7)

SARA Section 311/312 Hazard Classes

Refer to Section 2 for OSHA Hazard Classification.

15.2. International regulations

CANADA

Trimethoxyvinylsilane (2768-02-7)

Listed on the Canadian DSL (Domestic Substances List)

Titanium Dioxide (13463-67-7)

Listed on the Canadian DSL (Domestic Substances List)

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Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate (52829-07-9)

Listed on the Canadian DSL (Domestic Substances List)

Calcium Carbonate

Listed on the Canadian NDSL (Non-Domestic Substances List)

Silicon Dioxide, Quartz (14808-60-7)

Listed on the Canadian DSL (Domestic Substances List)

Dibutylbis(pentane-2,4-dionato-O,O')tin (22673-19-4)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

National regulations

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All chemical substances in this product are listed in the EPA (Environment Protection Agency) TSCA (Toxic Substances Control Act) Inventory
Listed on the Canadian DSL (Domestic Substances List)

Titanium Dioxide (13463-67-7)

Listed on IARC (International Agency for Research on Cancer)
Listed on INSQ (Mexican National Inventory of Chemical Substances)

Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate (52829-07-9)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Silicon Dioxide, Quartz (14808-60-7)

Listed on IARC (International Agency for Research on Cancer)

15.3. US State regulations



WARNING:

This product can expose you to Diuron, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Component	State or local regulations
Titanium Dioxide(13463-67-7)	U.S. - New Jersey - Right to Know Hazardous Substance List
Calcium Carbonate(1317-65-3)	U.S. - New Jersey - Right to Know Hazardous Substance List
Silicon Dioxide, Quartz(14808-60-7)	U.S. - New Jersey - Right to Know Hazardous Substance List

SECTION 16: Other information

According to 29CFR 1910.1200 OSHA Hazard Communication Standard

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According to 29CFR 1910.1200 OSHA Hazard Communication Standard

Revision date : 3/20/2024

Full text of H-phrases	
H317	May cause an allergic skin reaction
H360	May damage fertility or the unborn child

Indication of changes:
new version.

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.