

StoColor Metallic Base

Safety data

According to the Federal Register / Vol. 77, N° 58 / Monday, March 26, 2012 / Rules and regulations, and in accordance with the Regulation on hazardous products (February 11, 2015).
Date of Revision: July 2, 2020 Issue date: July 2, 2020 Version: 1.1

SECTION 1: IDENTIFICATION

1.1. Product identifier

Product form: Mixture

Product name: StoColor Metallic Base

Product code: 81723

1.2. Intended use of the product

Water-based acrylic coating. For professional use only.

1.3. Name, address and telephone number of the responsible party

Sto Corp.

6175 Riverside Drive SW

Atlanta, GA 30331

1 800 221-2397

www.stocorp.com

1.4. Emergency telephone number

Emergency telephone number: 1 800 424-9300 CHEMTREC

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

GHS-US / CA Classification

Unclassified

2.2. Label elements

GHS-US / CA labeling

Precautionary statements (GHS-US / CA) : No labeling applicable

2.3. Other dangers

Exposure may worsen the condition of people who already have eye, skin or respiratory conditions.

2.4. Unknown acute toxicity (GHS-US / CA)

No data available

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1. Substance

Not applicable

3.2. Mixed

name	Synonyms	Product identifier	% *	Classification of components according to GHS
Titanium dioxide	CI 77891 / CI pigment white 6 / titanium oxide (TiO ₂) / CI 77891 / titanium (IV) oxide / CI pigment white 7 / pigment white 6 / titanium dioxide nanoparticles / TITANIUM DIOXIDE / titanium oxide	(CAS No) 13463-67-7	10 - 30	Carc. 2, H351
Limestone	Chalk, limestone (An incombustible solid material characteristic of sedimentary rocks. Consists mainly of calcium carbonate.), Natural calcium carbonate, marble, calcium carbonate / limestone (sedimentary rock), calcite, calcareous soil, acetate, 4-methyl -2-propyl-2H-tetrahydropyran-4-yl	(CAS No) 1317-65-3	10 - 30	Unclassified
Nepheline syenitis	Nepheline syenitis	(CAS No) 37244-96-5	1 to 5	Unclassified
Kaolin, calcined	Clay, calcined porcelain / calcined kaolin	(CAS No) 92704-41-1	1 to 5	Unclassified

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Full text of the hazard statements: see section 16

* The percentages are listed as a percentage weight by weight (% w / w) for liquid and solid components. The gaseous components are entered in percentage volume by volume (% vol./vol.).

** The actual concentration of the component (s) is a trade secret in accordance with the Hazardous Products Regulations (RPD) SOR / 2015-17 and 29 CFR 1910.1200.

SECTION 4: FIRST AID

4.1. Description of first aid

General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label if possible).

Inhalation: When symptoms appear: move person to fresh air and ventilate the suspect area. Seek medical attention if breathing difficulties persist.

Skin contact: Take off contaminated clothing. Soak affected areas in water for at least 5 minutes. Seek medical attention if irritation develops or persists.

Eye contact : Rinse thoroughly with water for at least 5 minutes. Remove contact lenses if the victim wears them and they can be easily removed. Continue to rinse. Seek medical attention if irritation develops or persists.

Ingestion: Rinse the mouth. DO NOT induce vomiting. See a doctor.

4.2. Most important symptoms and effects, both acute and delayed

General: No significant hazards expected under normal conditions of use.

Inhalation: Prolonged exposure may cause irritation.

Skin Contact: Prolonged exposure may cause skin irritation. May cause an allergic reaction in sensitive persons.

Eye Contact: May cause slight eye irritation.

Ingestion: Ingestion may have harmful effects.

Chronic symptoms: None known.

4.3. Indication of any immediate medical attention and special treatment needed

Seek medical attention if there is exposure or concern. If medical advice is needed, keep the container or label at hand.

SECTION 5: FIRE FIGHTING MEASURES

5.1. Extinguishing agents

Suitable extinguishing media: Use appropriate extinguishing agents to contain the fire.

Unsuitable extinguishing media: Do not use a strong water jet. Use of a strong water jet may spread the fire.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Does not promote combustion unless water has evaporated.

Risk of explosion: The product is not explosive.

Reactivity : No hazardous reactions will occur under normal conditions.

5.3. Advice for firefighters

Precautionary measures in fire fighting: Fight any chemical fire with caution.

Fire Fighting Instructions: Use water spray or water mist to cool exposed containers.

Protection during fire fighting: Do not enter the intervention area without wearing the appropriate protective equipment, including respiratory protection.

Hazardous combustion products : Acrylic monomers. Titanium oxides. Acrylates. Carbon oxides (CO, CO₂). Organic compounds.

Other information: Prevent water used in fire fighting from entering drains or waterways.

5.4. Reference to other sections

Refer to section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

General measures: Avoid prolonged contact with eyes, skin and clothing. Avoid breathing product (vapor, mist or spray).

6.1.1. For non-emergency personnel

Protective equipment: Use appropriate personal protective equipment (PPE).

Emergency procedures: Evacuate unnecessary personnel.

6.1.2. For personnel forming part of the emergency services

Protective Equipment: Provide appropriate protection for cleanup crew.

Emergency procedures: Upon arrival on site, the first responder must recognize the presence of hazardous products, protect themselves and others, secure the area and obtain assistance from trained personnel as soon as conditions permit. Ventilate the area.

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6.2. Environmental precautions

Avoid any runoff into sewers and public waters. Avoid release into the environment.

6.3. Methods and materials for isolation and cleaning up

For containment: Contain spills with safety dikes or absorbent materials to prevent migration and runoff into sewers or waterways.

Methods for cleaning up: Clean up spills immediately and dispose of waste safely. Place spilled material in a suitable container for disposal. Contact the appropriate authorities after a spill.

6.4. Reference to other sections

See Section 8, Exposure Controls and Personal Protection, and Section 13, Disposal Information.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Precautions for Safe Handling: Avoid prolonged contact with eyes, skin and clothing. Avoid breathing vapor, mist or spray. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and before leaving work.

Hygiene measures: Handle in accordance with good industrial hygiene and safety procedures.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures: Comply with applicable regulations.

Storage Conditions: Keep container closed when not in use. Store in a cool, dry place. Keep / store away from direct sunlight, extremely high or low temperatures and incompatible materials.

Incompatible materials: Acids. Metal salts.

7.3. Specific end use (s)

Water-based acrylic coating. For professional use only.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

For substances listed in Section 3 that are not listed here, there are no exposure limits established by the manufacturer, supplier, importer or the appropriate advisory body, including: ACGIH (TLV) , AIHA (WEEL), NIOSH (REL), OSHA (PEL) or Canadian provincial governments.

Titanium dioxide (13463-67-7)		
ACGIH USA	MPT ACGIH (mg / m ³)	10 mg / m ³
ACGIH USA	ACGIH chemical class	Not classifiable as carcinogenic to humans
OSHA US	OSHA PEL (MPT) (mg / m ³)	15 mg / m ³ (total dust)
NIOSH USA	NIOSH REL (MPT) (mg / m ³)	2,4 mg / m ³ (IPC 63 - fine particles) 0.3 mg / m ³ (IPC 63 - very fine particles, including at the nanoscale)
IDLH US	US IDLH (mg / m ³)	5,000 mg / m ³
Alberta	LEMT MPT (mg / m ³)	10 mg / m ³
British Columbia	LEMT MPT (mg / m ³)	10 mg / m ³ (total dust) 3 mg / m ³ (respirable fraction)
Manitoba	LEMT MPT (mg / m ³)	10 mg / m ³
New Brunswick	LEMT MPT (mg / m ³)	10 mg / m ³
Newfoundland and Labrador	LEMT MPT (mg / m ³)	10 mg / m ³
New Scotland	LEMT MPT (mg / m ³)	10 mg / m ³
Nunavut	LEMT STEL (mg / m ³)	20 mg / m ³
Nunavut	LEMT MPT (mg / m ³)	10 mg / m ³
Northwest Territories	LEMT STEL (mg / m ³)	20 mg / m ³
Northwest Territories	LEMT MPT (mg / m ³)	10 mg / m ³
Ontario	LEMT MPT (mg / m ³)	10 mg / m ³
Prince Edward Island	LEMT MPT (mg / m ³)	10 mg / m ³
Quebec	TWAEV (mg / m ³)	10 mg / m ³ (not containing asbestos and having a crystalline silica content of less than 1% of the total dust)
Saskatchewan	LEMT STEL (mg / m ³)	20 mg / m ³
Saskatchewan	LEMT MPT (mg / m ³)	10 mg / m ³
Yukon	LEMT STEL (mg / m ³)	20 mg / m ³

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Yukon	LEMT MPT (mg / m ³)	30 mpppc 10 mg / m ³
Nepheline syenitis (37244-96-5)		
Ontario	LEMT MPT (mg / m ³)	10 mg / m ³ (total dust)
Limestone (1317-65-3)		
OSHA US	OSHA PEL (MPT) (mg / m ³)	15 mg / m ³ (total dust) 5 mg / m ³ (respirable fraction)
NIOSH USA	NIOSH REL (MPT) (mg / m ³)	10 mg / m ³ (total dust) 5 mg / m ³ (respirable dust)
Alberta	LEMT MPT (mg / m ³)	10 mg / m ³
British Columbia	LEMT STEL (mg / m ³)	20 mg / m ³ (total)
British Columbia	LEMT MPT (mg / m ³)	10 mg / m ³ (total dust) 3 mg / m ³ (respirable fraction)
New Brunswick	LEMT MPT (mg / m ³)	10 mg / m ³ (suspended particles not containing asbestos and having a crystalline silica content of less than 1%)
Nunavut	LEMT STEL (mg / m ³)	20 mg / m ³
Nunavut	LEMT MPT (mg / m ³)	10 mg / m ³
Northwest Territories	LEMT STEL (mg / m ³)	20 mg / m ³
Northwest Territories	LEMT MPT (mg / m ³)	10 mg / m ³
Quebec	TWAEV (mg / m ³)	10 mg / m ³ (limestone, not containing asbestos and having a crystalline silica content of less than 1% of the total dust)
Saskatchewan	LEMT STEL (mg / m ³)	20 mg / m ³
Saskatchewan	LEMT MPT (mg / m ³)	10 mg / m ³
Yukon	LEMT STEL (mg / m ³)	20 mg / m ³
Yukon	LEMT MPT (mg / m ³)	30 mpppc 10 mg / m ³

8.2. Exposure controls

Appropriate engineering controls: Appropriate eye and body wash should be accessible near any possible exposure. Ensure adequate ventilation, especially in confined areas. Ensure compliance with all national / local regulations.

Personal protective equipment: Gloves. Protective clothing. Protective glasses.



Materials for Protective Clothing: Chemical resistant materials and fabrics.

Hand protection: Wear protective gloves.

Eye and face protection: Wear chemical goggles.

Skin and body protection: Wear suitable protective clothing.

Respiratory Protection: If exposure limits are exceeded or if irritation occurs, approved respiratory protection should be worn. In case of insufficient ventilation, oxygen deficient atmosphere or unknown exposure levels, use approved respiratory protection.

Other information: Do not eat, drink or smoke while using.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Color	: White to off-white
Odour	: Light
Odor threshold	: Not available
pH	: 8.0 to 9.0
Evaporation rate	: Not available
Fusion point	: Not available
Freezing point	: Not available

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Boiling point	: Not available
Flash point	: Not available
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
Flammability (solid, gas)	: Not applicable
Lower flammability limit	: Not available
Upper flammability limit	: Not available
Vapor pressure	: Not available
Relative vapor density at 20 ° C	: Not available
Relative density	: Not available
Specific gravity	: > 1
Solubility	: Miscible with water.
Partition coefficient: N-octanol / water	: Not available
Viscosity	: 110 to 120 Krebs (KU) units

SECTION 10: STABILITY AND REACTIVITY

- 10.1. **Reactivity:** No hazardous reactions will occur under normal conditions.
- 10.2. **Chemical stability:** Stable under recommended handling and storage conditions (see section 7).
- 10.3. **Possibility of Hazardous Reactions:** No hazardous polymerization will occur.
- 10.4. **Conditions to Avoid:** Direct sunlight, extremely high or low temperatures and incompatible materials.
- 10.5. **Incompatible materials:** Acids. Metal salts.
- 10.6. **Hazardous Decomposition Products :** Should not decompose under ambient conditions.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects - Product

Acute toxicity (oral): Not classified

Acute toxicity (dermal): Not classified

Acute toxicity (inhalation): Not classified

LD50 and LC50 data: Not available

Skin corrosion / irritation: Unclassified

pH : 8.0 to 9.0

Eye damage / irritation: Unclassified

pH : 8.0 to 9.0

Respiratory or skin sensitization: Unclassified

Germ cell mutagenicity: Unclassified

Carcinogenicity: Unclassified. (Studies in animals suggest that titanium dioxide may cause lung cancer if inhaled. However, this hazard is not associated with other routes of exposure. Since this material is in the form of paste, titanium dioxide is not able to become airborne and cannot be inhaled. The hazards typically associated with titanium dioxide do not apply to this product.)

Specific target organ toxicity (repeated exposure): Not classified

Reproductive toxicity: Unclassified

Specific target organ toxicity (single exposure): Unclassified

Aspiration hazard: Not classified

Symptoms / injuries after inhalation: Prolonged exposure may cause irritation.

Symptoms / injuries after skin contact: Prolonged exposure may cause skin irritation. May cause an allergic reaction in sensitive persons.

Symptoms / injuries after eye contact: May cause slight eye irritation.

Symptoms / injuries after ingestion: Ingestion may have harmful effects.

Chronic symptoms: None known.

11.2. Information on toxicological effects - Component (s)

LD50 and LC50 data:

Titanium dioxide (13463-67-7)	
Oral LD50, rat	> 10,000 mg / kg

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Kaolin, calcined (92704-41-1)	
Oral LD50, rat	> 2000 mg / kg
Titanium dioxide (13463-67-7)	
CIRC Group	2B
OSHA Hazard Communication Standard List of Carcinogens	On the OSHA Hazard Communication Standard list of carcinogens.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology - General: Harmful to aquatic life.

Kaolin, calcined (92704-41-1)	
LC50, fish 1	> 100 mg / l (exposure time: 96 h - Species: Oncorhynchus mykiss [semi-static])
EC50, daphnia 1	> 1 mg / l (duration of exposure: 48 h - Species: Daphnia magna)

12.2. Persistence and degradability

StoColor Metallic Base	
Persistence and degradability	Not established.

12.3. Bioaccumulative potential

StoColor Metallic Base	
Bioaccumulative potential	Not established.

12.4. Mobility in soil Not available

12.5. Other harmful effects

Other information: Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste Disposal Recommendations: Dispose of contents and container in accordance with local, regional, national, territorial, provincial and international regulations.

Ecology - Waste: Avoid release to the environment. This material is dangerous for the aquatic environment. Prevent spill from reaching sewers and waterways.

SECTION 14: TRANSPORT INFORMATION

The shipping description (s) set forth herein were made in accordance with certain assumptions at the time of writing the SDS; these descriptions may vary depending on different variables that may or may not have been known at the time of publication of the SDS.

14.1. In accordance with the Department of Transportation (DOT) Not regulated for transport

14.2. In accordance with the International Maritime Transport Code for Dangerous Goods (IMDG) Not regulated for transport

14.3. In accordance with the International Air Transport Association (IATA) Not regulated for transport

14.4. In compliance with the transport of dangerous goods (TDG) Not regulated for transport


SECTION 15: REGULATORY INFORMATION

15.1. US Federal Regulations

Titanium dioxide (13463-67-7)	
Listed on the US Toxic Substances Control Act (TSCA) inventory.	
Kaolin, calcined (92704-41-1)	
Listed on the US Toxic Substances Control Act (TSCA) inventory.	
Limestone (1317-65-3)	
Listed on the US Toxic Substances Control Act (TSCA) inventory.	

15.2. US State Regulations

California Proposition 65

 **CAUTION:** This product can expose you to titanium dioxide, which is known to the State of California to cause cancer. For more information visit www.P65Warnings.ca.gov

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Chemical name (CAS number)	Carcinogenicity	Developmental toxicity	Toxicity to the female reproductive system	Male reproductive system toxicity
Titanium dioxide (13463-67-7)	X			

Titanium dioxide (13463-67-7)

US - Massachusetts Right to Know List
US - New Jersey - Hazardous Substances Right to Know List
US - Pennsylvania Right to Know List

Limestone (1317-65-3)

US - Massachusetts Right to Know List
US - New Jersey - Hazardous Substances Right to Know List
US - Pennsylvania Right to Know List

15.3. Canadian regulations

Titanium dioxide (13463-67-7)

Listed on Canada's DSL (Domestic Substances List)

Kaolin, calcined (92704-41-1)

Listed on Canada's DSL (Domestic Substances List)

Nepheline syenitis (37244-96-5)

Listed on Canada's DSL (Domestic Substances List)

Limestone (1317-65-3)

Listed on Canada's NDSL (External Substances List)

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Date of preparation or last revision : July 2, 2019

Other information : This document has been prepared in accordance with the Hazardous Products Regulations (HPR) SOR / 2015-17 of Canada and the requirements of OSHA Hazard Communication Standard 29 CFR 1910.1200 for SDSs.

GHS phrases, full text:

Aquatic acute 3	Dangerous for the aquatic environment - Acute hazard, category 3
Carc. 2	Carcinogenicity, category 2
H351	Suspected of causing cancer
H402	Harmful to aquatic life

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

SDS SGH AN 2015 (Can., USA)