



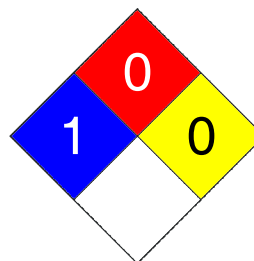
MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Product Name Dynamic 100 % Silicone - White (SJ0000SW) & Clear (SJ0000SC)
CAS # Mixture
Product Use Sealant
Manufacturer Dynamic Paint Products Inc.
7040 Financial Drive
Mississauga, ON L5N 7H5 CA
Phone: 1-905-812-9319
Emergency Phone: 1-613-996-6666 (CANUTEC)

LEGEND HMIS/NFPA	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

Health	* 1
Flammability	0
Physical Hazard	0
Personal Protection	B



2. Hazards Identification

Emergency Overview WARNING
Eye and skin irritant. Contains a potential reproductive toxin.

Potential short term health effects

Routes of exposure Eye, Skin contact, Inhalation, Ingestion.

Eyes May cause irritation.

Skin May cause irritation.

Inhalation May cause respiratory tract irritation.

Ingestion May cause stomach distress, nausea or vomiting.

Target organs Eyes. Respiratory system. Skin.

Chronic effects Prolonged or repeated exposure can cause drying, defatting and dermatitis.

Signs and symptoms Symptoms may include redness, oedema, drying, defatting and cracking of the skin. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

3. Composition/Information on Ingredients

Ingredient(s)	CAS #	Percent
Octamethylcyclotetrasiloxane	556-67-2	0.1 - 1
Carbon black	1333-86-4	0.1 - 1
Silanetriol, methyl-, triacetate	4253-34-3	1 - 5
Silanetriol, ethyl-, triacetate	17689-77-9	1 - 5
Silica, amorphous, fumed	7631-86-9	10 - 30

4. First Aid Measures

First aid procedures

Eye contact Immediately flush with cool water. Remove contact lenses, if applicable, and continue flushing for 15 minutes. Obtain medical attention if irritation develops or persists.

Skin contact Immediately flush with water. Wash with soap and water. Obtain medical attention if irritation persists.

Inhalation If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.

Ingestion	Do not induce vomiting. Never give anything by mouth if victim is unconscious, or is convulsing. Obtain medical attention.
Notes to physician	Symptoms may be delayed.
General advice	If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Avoid contact with eyes and skin. Keep out of reach of children.

5. Fire-fighting Measures

Flammable properties	Not flammable by WHMIS criteria.
Extinguishing media	
Suitable extinguishing media	Dry chemical. Carbon dioxide. Alcohol foam.
Unsuitable extinguishing media	Not available
Protection of firefighters	
Specific hazards arising from the chemical	Not available
Protective equipment for firefighters	Firefighters should wear full protective clothing including self contained breathing apparatus.
Hazardous combustion products	May include and are not limited to: Oxides of carbon. Oxides of silicon. Acetic acid Formaldehyde.
Explosion data	
Sensitivity to mechanical impact	Not available
Sensitivity to static discharge	Not available

6. Accidental Release Measures

Personal precautions	Keep unnecessary personnel away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak.
Methods for containment	Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas.
Methods for cleaning up	Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labelled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice. Never return spills in original containers for re-use.

7. Handling and Storage

Handling	Use good industrial hygiene practices in handling this material. When using do not eat or drink.
Storage	Keep out of reach of children. Store in a closed container away from incompatible materials.

8. Exposure Controls / Personal Protection

Exposure limit values

Ingredient(s)	Exposure limit values
Carbon black	ACGIH-TLV TWA: 3.5 mg/m ³
Octamethylcyclotetrasiloxane	ACGIH-TLV Not established
Silanetriol, ethyl-, triacetate	ACGIH-TLV TWA: 10 ppm
Silanetriol, methyl-, triacetate	ACGIH-TLV TWA: 10 ppm
Silica, amorphous, fumed	ACGIH-TLV Not established

Engineering controls

General ventilation normally adequate.

Personal protective equipment

Eye/Face protection

Wear safety glasses with side shields.

Hand protection

Rubber gloves. Confirm with a reputable supplier first.

Skin and body protection

As required by employer code.

Respiratory protection

Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.

General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. Wash hands before breaks and immediately after handling the product.

9. Physical and Chemical Properties

Appearance	Opaque.
Colour	White
Form	Paste
Odour	Vinegar
Odour threshold	Not available
Physical state	Liquid
pH	Not available
Freezing point	-46 °C (-50.80 °F)
Boiling point	Not available
Pour point	Not available
Flash point	None
Evaporation Rate	Not available
Flammability limits in air, lower, % by volume	Not available
Flammability Limits in Air, Upper, % by Volume	Not available
Vapour pressure	Not available
Vapour density	Not available
Specific gravity	1.03 @ 21°C
Octanol/water coefficient	Not available
Solubility (H ₂ O)	Insoluble
Auto-ignition temperature	Not available
Viscosity	Viscous

10. Stability and Reactivity

Chemical stability	Stable under recommended storage conditions.
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Conditions to avoid	Do not mix with other chemicals.
Incompatible materials	Acids. Oxidizers. Caustics. Reacts with water.
Hazardous decomposition products	May include and are not limited to: Oxides of carbon. Oxides of silicon. Formaldehyde. Releases acetic acid during cure.
Possibility of hazardous reactions	Hazardous polymerisation does not occur.

11. Toxicological Information

Component analysis - LC50

Ingredient(s)	LC50
Carbon black	Not available
Octamethylcyclotetrasiloxane	12.7 mg/kg rat; 12.7 mg/l/4h rat
Silanetriol, ethyl-, triacetate	Not available
Silanetriol, methyl-, triacetate	Not available
Silica, amorphous, fumed	Not available

Component analysis - Oral LD50

Ingredient(s)	LD50
Carbon black	8000 mg/kg rat
Octamethylcyclotetrasiloxane	1540 mg/kg rat
Silanetriol, ethyl-, triacetate	1460 mg/kg rat
Silanetriol, methyl-, triacetate	2060 mg/kg rat
Silica, amorphous, fumed	5000 mg/kg rat

Effects of acute exposure

Eye	May cause irritation.
Skin	May cause irritation.
Inhalation	May cause respiratory tract irritation.
Ingestion	May cause stomach distress, nausea or vomiting.
Sensitisation	Non-hazardous by WHMIS criteria.
Chronic effects	Non-hazardous by WHMIS criteria.
Carcinogenicity	Contains carbon black not in a respirable form.

ACGIH - Threshold Limit Values - Carcinogens

Carbon black 1333-86-4 A4 - Not Classifiable as a Human Carcinogen

IARC - Group 2B (Possibly Carcinogenic to Humans)

Carbon black 1333-86-4 Monograph 93 [in preparation]; Monograph 65 [1996]

IARC - Group 3 (Not Classifiable)

Silica, amorphous, fumed 7631-86-9 Monograph 68 [1997]; Supplement 7 [1987]

Mutagenicity Non-hazardous by WHMIS criteria.

Reproductive effects Contains a potential reproductive toxin.

Teratogenicity Non-hazardous by WHMIS criteria.

Synergistic Materials Not available

12. Ecological Information

Ecotoxicity Components of this product have been identified as having potential environmental concerns.

Ecotoxicity - Freshwater Algae Data

Silica, amorphous, fumed 7631-86-9 72 Hr EC50 Pseudokirchneriella subcapitata: 440 mg/L

Ecotoxicity - Freshwater Fish Species Data

Octamethylcyclotetrasiloxane 556-67-2 96 Hr LC50 Brachydanio rerio: >500 mg/L; 96 Hr LC50 Lepomis macrochirus: >1000 mg/L

Silica, amorphous, fumed 7631-86-9 96 Hr LC50 Brachydanio rerio: 5000 mg/L [static]

Ecotoxicity - Water Flea Data

Carbon black 1333-86-4 24 Hr EC50 Daphnia magna: >5600 mg/L

Octamethylcyclotetrasiloxane 556-67-2 24 Hr EC50 Daphnia magna: 25.2 mg/L

Silica, amorphous, fumed 7631-86-9 48 Hr EC50 Ceriodaphnia dubia: 7600 mg/L

Environmental effects	Not available
Aquatic toxicity	Not available
Persistence and degradability	Not available
Bioaccumulation/accumulation	Not available
Partition coefficient	Not available
Mobility in environmental media	Not available
Chemical fate information	Not available
Other adverse effects	Not available

13. Disposal Considerations

Waste codes	Not available
Disposal instructions	Review federal, provincial, and local government requirements prior to disposal.
Waste from residues / unused products	Not available
Contaminated packaging	Not available

14. Transport Information

Transportation of Dangerous Goods (TDG - Canada)

Not regulated as dangerous goods.

15. Regulatory Information

Canadian federal regulations This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

Canada - CEPA - High Priority Chemicals as Identified by DSL Categorization

Carbon black	1333-86-4	Batch 12, published September 26, 2009
Octamethylcyclotetrasiloxane	556-67-2	Batch 2, published May 12, 2007

Canada - WHMIS - Ingredient Disclosure List

Carbon black	1333-86-4	1 %
Silica, amorphous, fumed	7631-86-9	1 %

WHMIS classification Class D - Division 2A, 2B

WHMIS status Controlled

WHMIS labeling



Inventory Status

Country(s) or region	Inventory Name	On Inventory (Yes/No)*
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

16. Other Information

Disclaimer Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

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Prepared by
Other Information

Dell Tech Laboratories Ltd. (519) 858-5021

For an updated MSDS, please contact the supplier/manufacturer listed on the first page of the document.