



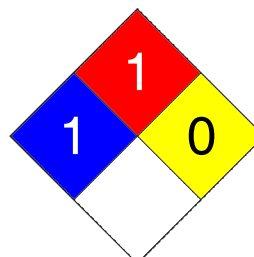
MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Product Name Dynamic Urethane Acrylic Caulking - White - SJ000UAC
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	1
Physical Hazard	0
Personal Protection	B



2. Hazards Identification

Emergency Overview WARNING
Eye and skin irritant. Contains material which may cause cancer. Contains a potential reproductive toxin.

Potential short term health effects

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

Eyes May cause irritation.

Skin May cause irritation. May be absorbed through the skin.

Inhalation May cause respiratory tract irritation.

Ingestion May cause stomach distress, nausea or vomiting.

Target organs Eyes. Lungs. 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
Titanium dioxide	13463-67-7	1 - 5
Solvent naphtha (petroleum), medium aliphatic	64742-88-7	1 - 5
Limestone	1317-65-3	30 - 60
Butyl benzyl phthalate	85-68-7	7 - 13

4. First Aid Measures

First aid procedures

Eye contact Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.

Skin contact Flush with cool 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	Treat for surrounding material.
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.
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.
Storage	Keep out of reach of children. Store in a closed container away from incompatible materials.

8. Exposure Controls / Personal Protection

Exposure limit values	Exposure limit values
Ingredient(s)	Exposure limit values
Butyl benzyl phthalate	ACGIH-TLV Not established
Limestone	ACGIH-TLV TWA: 5 mg/m3
Solvent naphtha (petroleum), medium aliphatic	ACGIH-TLV Not established
Titanium dioxide	ACGIH-TLV TWA: 10 mg/m3
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	Acrylic
Odour threshold	Not available
Physical state	Liquid
pH	8
Freezing point	Not available
Boiling point	Not available
Pour point	Not available
Flash point	> 93.3 °C (> 199.94 °F)
Evaporation Rate	> 1 (BuAc=1)
Flammability limits in air, lower, % by volume	Not available
Flammability Limits in Air, Upper, % by Volume	Not available
Vapour pressure	Not available
Vapour density	> 1
Specific gravity	1.4 @ 21°C
Octanol/water coefficient	Not available
Solubility (H2O)	Appreciable
Auto-ignition temperature	Not available
VOC (Weight %)	3.5
Viscosity	Viscous
Percent volatile	> 15

10. Stability and Reactivity

Chemical stability	Stable under recommended storage conditions.
Conditions to avoid	Do not mix with other chemicals.
Incompatible materials	Acids. Oxidizers.
Hazardous decomposition products	May include and are not limited to: Oxides of carbon.
Possibility of hazardous reactions	Hazardous polymerisation does not occur.

11. Toxicological Information

Component analysis - LC50

Ingredient(s)	LC50
Butyl benzyl phthalate	6.7 mg/l/4h rat
Limestone	Not available
Solvent naphtha (petroleum), medium aliphatic	5.2801 mg/l/4h rat
Titanium dioxide	Not available

Component analysis - Oral LD50

Ingredient(s)	LD50
Butyl benzyl phthalate	2330 mg/kg rat; 4170 mg/kg mouse
Limestone	6450 mg/kg rat
Solvent naphtha (petroleum), medium aliphatic	5000 mg/kg rat
Titanium dioxide	24000 mg/kg rat

Effects of acute exposure

Eye	May cause irritation.
Skin	May cause irritation. May be absorbed through the skin.
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	High concentrations of pigment-grade (powdered) and ultrafine titanium dioxide (titanium oxide) dust have caused respiratory tract cancer in rats exposed by inhalation and intratracheal instillation.

ACGIH - Threshold Limit Values - Carcinogens

Titanium dioxide 13463-67-7 A4 - Not Classifiable as a Human Carcinogen

IARC - Group 2B (Possibly Carcinogenic to Humans)

Titanium dioxide 13463-67-7 Monograph 93 [in preparation]; Monograph 47 [1989]

IARC - Group 3 (Not Classifiable)

Butyl benzyl phthalate 85-68-7 Monograph 73 [1999]; 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

Butyl benzyl phthalate 85-68-7 96 Hr EC50 *Pseudokirchneriella subcapitata*: 0.02 - 0.25 mg/L; 72 Hr EC50 *Pseudokirchneriella subcapitata*: 0.2 - 28.2 mg/L

Solvent naphtha (petroleum), medium aliphatic 64742-88-7 96 Hr EC50 *Pseudokirchneriella subcapitata*: 450 mg/L

Ecotoxicity - Freshwater Fish Species Data

Butyl benzyl phthalate 85-68-7 96 Hr LC50 *Oncorhynchus mykiss*: 1.0-10.0 mg/L [static]; 96 Hr LC50 *Oncorhynchus mykiss*: 0.82 mg/L [flow-through]; 96 Hr LC50 *Pimephales promelas*: 1.39-3.88 mg/L [flow-through]; 96 Hr LC50 *Pimephales promelas*: >0.78 mg/L [static]; 96 Hr LC50 *Lepomis macrochirus*: 1.0-10.0 mg/L [static]

Solvent naphtha (petroleum), medium aliphatic 64742-88-7 96 Hr LC50 *Pimephales promelas*: 800 mg/L [static]

Ecotoxicity - Water Flea Data

Butyl benzyl phthalate 85-68-7 48 Hr EC50 *Daphnia magna*: 0.9 - 1.1 mg/L [Static]; 48 Hr EC50 *Daphnia magna*: >0.76 mg/L [Flow through]; 48 Hr EC50 *Daphnia magna*: 1.28 mg/L [semi-static]; 48 Hr EC50 *Daphnia magna*: 0.97 mg/L

Solvent naphtha (petroleum), medium aliphatic 64742-88-7 48 Hr EC50 *Daphnia magna*: >100 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 - WHMIS - Ingredient Disclosure List

Butyl benzyl phthalate 85-68-7 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 Dell Tech Laboratories Ltd. (519) 858-5021

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