



SAFETY DATA SHEET

This Safety Data Sheet complies with the Canadian Hazardous Products Regulations, the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard, 29 CFR 1910 (OSHA HCS), and the European Union Directives.

1 Product and Supplier Identification

- 1.1 **Product:** 3D Gel Art Powder
- 1.2 **Product Use:** Nail Powder
- 1.3 **Producer:** Haigh Industries Inc.
#5-8118 North Fraser Way
Burnaby BC Canada
V5J 0E5
Telephone: (604) 278-5851
- 1.4 **Supplier:** As above
- 1.5 **Emergencies (24-hour number):** +1(604) 278-5851

2 Hazards Identification

2.1 **Classification of product or mixture**

Note to reader: This product in an untested mixture and GHS classification is based on the classification of the ingredients and their concentrations. Proprietary ingredients do NOT exhibit any health effects not listed in this SDS.

GHS Classification: Eye Irritation: Category 2A
Skin Sensitization: Category 1

2.2 **GHS Label Elements**
Pictogram:



Signal Word: Warning

GHS Hazard Statements:

H317 May cause an allergic reaction.
H319 Causes serious eye irritation.

GHS Precautionary Statements:

Prevention:
P261 Avoid breathing dust/fume/gas/mist/vapours/spray

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P264 Wash skin thoroughly after handling.
P265 Do not touch eyes
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321 Specific treatment (see Section 4).
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P337+P317 If eye irritation persists: Get emergency medical help.
P362+P364 Take off contaminated clothing and wash it before reuse.

Disposal:

P501 Dispose of contents/containers to an approved waste disposal plant.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS: This product contains particulate, not otherwise classified (nuisance dust).

2.4 Additional Information

Primary Routes of Entry:

Skin Contact: Yes
Skin Absorption: No
Eye Contact: Yes
Ingestion: No
Inhalation: Yes

Emergency Overview: This product contains ingredients which may cause mild eye and skin irritation in some people. For eye contact, symptoms may include a moderate burning sensation, tearing, redness, or swelling. Contact with skin may cause an allergic reaction due to prior sensitization. Local redness, rash, or itchy skin may occur in those persons with a pre-existing sensitivity or those predisposed to skin problems. In rare cases an allergic skin reaction may occur after long term contact with this product.

Effects of Short Term (Acute) Exposure:

Inhalation: Nuisance dust in high concentrations may irritate the nose, throat and lungs. Discomfort may occur when dust concentrations exceed permissible limits.

Skin Contact: Repeated or prolonged contact may cause allergic skin rashes, itching and swelling which becomes evident on re-exposure to this product.

Eye Contact: Higher concentrations of dust may irritate the eyes. May cause eye irritation or damage.

Ingestion: No adverse health effects are expected if a small amount of this product is accidentally ingested.

Effects of Long-Term (Chronic) Exposure: This product contains ingredients which have been known to cause skin sensitization in some people. Sensitization may occur after prolonged or repeated exposures to this product. Prolonged contact with skin may defat tissue causing dermatitis or aggravate existing skin problems.

Medical Conditions Aggravated by Exposure: Persons susceptible to skin problems may find that the use of this product will cause increased symptoms of existing skin problems.

3 Composition

3.1 Mixture Composition

3D Gel Art Powder

Component	CAS No.	EINECS No.	% (w/w)	GHS Classification
Polyethylmethacrylate	9003-42-3	N/A	75-100	Skin Irritant (Category 2): H315 Skin Sensitizer (Category 1): H317
Polymethylmethacrylate	9011-14-7	N/A	1-5	Skin Irritant (Category 2): H315 Skin Sensitizer (Category 1): H317
Dibenzoyl Peroxide	94-36-0	202-327-6	0.1-1	Skin Sensitizer (Category 1): H317 Eye Irritant (Category 2A): H319
Silica	112945-52-5	262-373-8	0.1-1	None assigned

4 First Aid Measures

4.1 Description of First Aid Measures

General Advice: Consult a physician. Show this safety data sheet to the physician in attendance. Move away from dangerous area. Remove contaminated clothing. Completely decontaminate clothing, shoes and leather goods before re-use or discard.

In Case of Eye Contact: Flush with water for 15 minutes, including under eyelids. Seek medical help if discomfort persists.

In Case of Skin Contact: Wash thoroughly with soap and water. Remove contaminated clothing and wash before reuse. Seek medical attention if discomfort persists.

If Inhalation: Remove to fresh air. If having breathing difficulty give oxygen. If breathing has stopped, give artificial respiration. Get medical help if discomfort persists.

If Ingestion: Rinse mouth out with water. Only induce vomiting if directed by a physician. Never give anything by mouth to an unconscious person. Seek prompt medical attention.

4.2 Most Important Symptoms and Effects Acute and Delayed

Effects of Short-Term (Acute) Exposure:

Inhalation: Nuisance dust in high concentrations may irritate the nose, throat and lungs. Discomfort may occur when dust concentrations exceed permissible limits.

Skin Contact: repeated or prolonged contact may cause allergic skin rashes, itching and swelling which becomes evident on re-exposure to this product.

Eye Contact: High concentrations of dust may irritate the eyes. May cause eye irritation or damage.

Ingestion: Ingestion is an unlikely route of entry. Small amounts ingested are not likely to produce any detrimental health effects.

Effects of Long-Term (Chronic) Exposure: This product contains ingredients which have been known to cause skin sensitization in some people. Sensitization may occur after prolonged or repeated exposures to this product. Prolonged contact with skin may defat tissue causing dermatitis or aggravate existing skin problems.

Medical Conditions Aggravated by Exposure: Persons susceptible to skin problems may find that the use of this product will cause increased symptoms of existing skin problems.

4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed

None.

5 Fire Fighting Measures

5.1 Extinguishing Media

3D Gel Art Powder

Use dry chemical powder.

5.2 Special Hazards Arising from Mixture

May form explosible dust-air mixture if dispersed/

5.3 Advice for Firefighters

Avoid extinguishing methods that generate dust clouds. Water streams can disperse dust into air, producing a fire hazard and possible explosion hazard. Firefighters should wear self-contained breathing apparatus.

5.4 Further Information

Sensitivity to Impact: No

Sensitivity to Static Discharge: No

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) HAZARD INDEX:

HEALTH: 1

FLAMMABILITY: 1

REACTIVITY: 1

6 Accidental Release Measures

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Respiratory Protection: Dust may be generated when cleaning up released powder. Use an N95 dust mask. In normal circumstances or use, no respiratory protection is needed. Exposure must be kept at or below the applicable exposure limits and the maximum use concentration of the respirator must not be exceeded.

Skin Protection: Depending upon the conditions of use, protective gloves and clothing to prevent skin contact.

Eye and Face Protection: Use safety glasses.

Footwear: No specific recommendation.

Other: Emergency eyes wash fountains should be available in vicinity of use. At minimum, an eye lavage kit should be kept on hand.

6.2 Environmental Precautions

Ensure that any release of this material is contained to prevent leakage into waterways and sanitary sewers.

6.3 Methods and Materials for Containment and Cleanup

Remedial Measures: Wash spill area with strong detergent and water solution, rinse with minimal water, if possible.

Large Spills: Carefully sweep up spilled product in a way that will minimize dusting.

Small Spills: Carefully sweep up spilled product in a way that will minimize dusting.

6.4 Reference to Other Sections

For disposal, see section 13.

7 Handling and Storage

7.1 Precautions for Safe Handling

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Handling Procedures: Observe precautions found on the label. Wash face and hands thoroughly with soap and water after handling and before eating, drinking or smoking. Avoid prolonged or repeated contact with skin. Avoid contamination. Use only with adequate ventilation.

7.2 Conditions for Safe Storage

Store in cool, dry place away from heat, sparks, flame and direct sunlight. Close container after each use. Ground all metal containers when transferring. Use explosion-proof equipment. Store away from combustibles and incompatible materials. Polymer dust is combustible, explosive limits of the polymer particles suspended in air are approximately those of coal dust.

7.3 Specific End Use(s)

No other uses except those mentioned in Section 1.2.

8 Exposure Controls and Personal Protection

8.1 Control Parameters

Components with Workplace Control Parameters:

Dibenzoyl Peroxide:	TLV-TWA: 5 mg/m ³
Silica:	TLV-TWA: 10 mg/m ³

8.2 Exposure Controls

Engineering Controls: The engineering controls listed are for use and handling of this product in bulk. Use of good local exhaust at processing equipment, including buffers, sanders, grinders and polishers. High temperature processing equipment should be well ventilated. Use explosion proof equipment. Provide ventilation if necessary to control exposure levels below airborne exposure limits.

Respiratory Protection: Dust may be generated when cleaning up released powder. Use an N95 dust mask. In normal circumstances of use, no respiratory protection is needed. Exposure must be kept at or below the applicable exposure limits and the maximum use concentration of the respirator must not be exceeded.

Skin Protection: Depending upon the conditions of use, protective gloves and clothing to prevent skin contact.

Eye and Face Protection: Use safety glasses.

Footwear: No specific recommendation.

Other: Emergency eyes wash fountains should be available in vicinity of use.

Control of Environmental Exposure: Prevent further leakage or spillage, if safe to do so. Do not let product enter drains.

9 Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

Appearance:	Fine white powder
Odour:	Faint odour in bulk
Odour Threshold:	Not available
pH:	Not applicable
Melting Point/Freezing Point:	Not available
Initial Boiling Point:	Not available
Flash Point:	Closed cup: >93.3° (Product does not sustain combustion)
Evaporation Rate:	Not determined
Flammability:	Not available

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Upper Explosion Limit:	Not available
Lower Explosion Limit:	Not available
Vapour Pressure:	Not available
Vapour Density:	Not available
Relative Density:	Not available
Solubility:	Not available
Partition Coefficient:	Not available
Autoignition Temperature:	Not available
Decomposition Temperature:	No data
Viscosity:	Not available
Explosive Properties:	No data
Oxidizing Properties:	No data
Percent Volatiles:	Not determined

9.2 Other Safety Information

None

10 Stability and Reactivity

10.1 Reactivity

No specific test data related to reactivity available for the product or its ingredients

10.2 Chemical Stability

Stable as supplied.

10.3 Possibility of Hazardous Reactions

None known.

10.4 Conditions to Avoid

Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Prevent dust accumulation.

10.5 Incompatible Materials

Strong oxidizing agents.

10.6 Hazardous Decomposition Products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11 Toxicological Information

11.1 Information on Toxicological Effects

Note to reader: We do not test our products on animals. In compliance with current SDS preparation requirements, the values listed are published values for generic ingredients with known animal toxicity.

Acute Toxicity

Component	LD ₅₀	LC ₅₀
Dibenzoyl Peroxide	6400 mg/kg (oral/rat)	

Abbreviation Key: N/p: not published, N/d: not determined, N/ap: not applicable, N/av: not available.

11.2 Skin Corrosion/Irritation

Components of this mixture may cause skin irritation.

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- 11.3 Serious Eye Damage/Eye Irritation**
Components of this mixture may cause eye irritation, H319, Category 2A, Warning
- 11.4 Respiratory of Skin Sensitization**
Components of this mixture may cause skin sensitization, H317, Category 1, Warning
- 11.5 Germ Cell Mutagenicity**
No known significant effects or critical hazards.
- 11.6 Carcinogenicity**
No known significant effects or critical hazards.
- 11.7 Reproductive Toxicology**
No known significant effects or critical hazards.
- 11.8 Specific Target Organ Toxicity – Single Exposure**
No information available.
- 11.9 Specific Target Organ Toxicity – Repeated Exposure**
No information available.
- 11.10 Aspiration Hazard**
No information available.
- 11.11 Additional Information**
None

12 Ecological Information

**12.1 Toxicity
To Fish:**

Dibenzoyl Peroxide	LC ₅₀	96H	2 mg/L
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To Algae:

Dibenzoyl Peroxide	EC ₅₀	72H	0.83 mg/L
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To Daphnia:

Dibenzoyl Peroxide	EC ₅₀	48H	0.07 mg/L
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- 12.2 Persistence and Degradability**
No data available
- 12.3 Bio accumulative Potential**
No data available
- 12.4 Mobility in Soil**
No data available
- 12.5 Results of PBT and vPvB Assessment**
Not conducted
- 12.6 Other Adverse Effects**
No known significant effects or critical hazards

13 Disposal Considerations

13.1 Waste Treatment Methods

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Product: Review federal, provincial or state, and local government requirements prior to disposal. Store material for disposal as indicated in Storage Conditions. Disposal by controlled incineration or by secure land fill may be acceptable.

Contaminated Packaging: Dispose as above.

14 Transport Information

Transport of Dangerous Goods (TDG and CLR): Not regulated

United States Department of Transport (49CFR): Not regulated

International Air Transport Association (IATA): Not regulated

International Maritime Organization (IMO): Not regulated

15 Regulatory Information

15.1 CANADIAN FEDERAL REGULATIONS
CEPA, DOMESTIC SUBSTANCES LIST: Listed

15.2 UNITED STATES FEDERAL REGULATIONS
TOXIC SUBSTANCES CONTROL ACT (TSCA): All components are listed in the inventory.

California Proposition 65: No ingredients listed.

OSHA (29 CFR 1910 Subpart Z): Meets criteria for a hazardous substance.

CERCLA (40 CFR 302): No ingredients listed.

SARA 302 (40 CFR 355): No ingredients listed.

SARA 313 (40 CFR 372): Dibenzoyl Peroxide

SARA 311/312 (40 CFR 370): Combustible dusts, Skin Sensitization – Category 1

Massachusetts Right to Know: Benzoyl Peroxide

New Jersey Right to Know: Benzoyl Peroxide; Dibenzoyl Peroxide

Pennsylvania Right to Know: Peroxide, Dibenzoyl

16 Other Information

Original Preparation Date: April 4, 2022

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Disclaimer: This Safety Data Sheet (SDS) was prepared using information provided by ingredient supplier SDS and other relevant sources. This product has been classified using weight of evidence, expert judgment and previous testing as per Part 1.3 of the Fifth Edition of The Globally Harmonized System of Classification and Labelling of Chemicals (GHS). The information in this SDS is offered for your consideration and

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guidance when exposed to this product. Haigh Industries Inc. expressly disclaims all expressed or implied warranties and assumes no responsibilities for the accuracy or completeness of the data contained herein. The data in this SDS does not apply to use with any other product or in any other process.

This Safety Data Sheet may not be changed, or altered in any way without the expressed knowledge and permission of Haigh Industries Inc.

Revisions: **None**