

SAFETY DATA SHEET

StackFlow™ Injectable Light-cured Composite

SECTION 1. IDENTIFICATION

Product Name	StackFlow™ Injectable Light-cured Composite
Identified uses	Dental light-cured flowable resin. Dental material for use by dental professional only.
Distributor	Premier® Dental Products Company 1710 Romano Drive, Plymouth Meeting, PA 19462
Manufacturer	SPIDENT Co.,Ltd. www.spident.co.kr 203&312, Korea Industrial Complex, 722, Gojan-Dong, Namdong-Gu, Incheon, Korea 405-821 Tel : +82) 32-821-0071 Fax : +82) 32-821-0074

SECTION 2. HAZARD(S) IDENTIFICATION

GHS Classification	Skin Irritation	1
	Causes serious eye irritation	2A
GHS Pictogram		
Signal Word	Warning	
Hazard Statements	H315	May cause skin irritation
	H317	May cause an allergic skin reaction.
	H320	Causes eye irritation.
Precautionary Statements	Prevention	
	P280	Wear protective gloves and eye protection
	Response	
	P302+P352	If on skin, wash with plenty of soap and water.
	P333+P313	IF SKIN irritation or rash occurs: Get medical advice/attention.
	P362+P364	Take off contaminated clothing and wash it before reuse.
	P321	Specific treatment reference to supplemental first aid instruction. Manufacturer/ supplier or the competent authority may specify a cleansing agent if appropriate.
	Disposal	
	P501	Dispose of contents/container to in accordance with local/regional/national/international regulations to be specified. Manufacturer/supplier or the competent authority to specify whether disposal requirements apply to contents, container or both.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS No.	EC No.	% by Wt
Ethoxylated bisphenol A dimethacrylate	41637-38-1	609-946-4	1~20
Frits, chemicals	65997-18-4	266-047-6	40~80
Camphorquinone	10373-78-1	233-814-1	0~5

SECTION 4. FIRST-AID MEASURES

Description of first aid measures

General Information

May be irritating to eyes, skin. Prolonged or repeated contact with methacrylate may cause sensitization. Show this safety data sheet to medical personnel. Get medical attention in case of uncertainty.

Inhalation

Rest in the fresh air and seek medical advice if necessary.

Ingestion

Try to induce vomiting. Get medical attention if any discomfort continues.

Skin Contact

Wash with soap and water. Get medical attention if irritation develops or persists.

Eye Contact

Flush eyes with water. Get medical attention if irritation develops or persists.

Most important symptoms and effects, both acute and delayed

Ingestion

Slightly irritating. (DIGESTIVE SYSTEM.)

Skin Contact

Slightly irritating. May cause sensitization by skin contact.

Eye Contact

Slightly Irritating.

Indication of any immediate medical attention and special treatment needed

Notes To the Physician

CAUTION! First aid personnel must be aware of own risk during rescue! Wear suitable protective clothing.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Water spray, fog, or mist, foam, dry chemical, carbon dioxide(CO₂)

Specific Hazards

None known.

Special Fire Fighting Procedures

Evacuate all personnel; use protective equipment for fire-fighting. Use self-contained breathing apparatus when the product is involved in fire.

Protective Equipment For Fire-Fighters

No special protective actions for fire-fighters are anticipated.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Ventilate area. Wear safety glasses, gloves and lab coat.

Environmental Precautions

Avoid release to the environment.

Spill Clean Up Methods

Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Seal the container. Dispose of collected material as soon as possible.

SECTION 7. HANDLING AND STORAGE

Handling

All handling to take place in well-ventilated area.

Storage

Store in a cool, dark place (2-27°C, 36-81°F). Keep away from heat, direct sunlight, sparks, and open flames.

Storage Class

Chemical storage.

Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Measures

Provide adequate general and local exhaust ventilation.

Respiratory Equipment

In case of inadequate ventilation use suitable respirator.

Hand Protection

Wear protective gloves.

Eye Protection

Wear approved safety goggles.

Other Protection

Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene Measures

DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap & water if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Paste	Paste
Color	Light yellow
Odor	No information available.
Solubility	No information available.
Initial boiling point and boiling range	Not available.
Melting point (°C)	Not available.
Relative density	>1
Vapor density (air=1)	Not available.
Vapor pressure	Not available.
Evaporation rate	Not available.
pH-Value, Conc. Solution	Not available.
pH-Value, Diluted Solution	Not available.
Viscosity	Not available.
Decomposition temperature (°C)	Not available.
Odour Threshold, Lower	Not available.
Odour Threshold, Upper	Not available.
Flash point	>150°C

Auto Ignition Temperature (° C)	Not available.
Flammability Limit - Lower(%)	Not available.
Flammability Limit - Upper(%)	Not available.
Partition Coefficient (N-Octanol/Water)	Not available.
Explosive properties	Not available.
Other Flammability	Not available.
Oxidising properties	Not available.

SECTION 10. STABILITY AND REACTIVITY

Reactivity

May polymerize.

Stability

Stable under normal temperature conditions and recommended use.

Hazardous reactions

Not available.

Conditions To Avoid

Keep away from heat, sparks, and open flame. Protect against direct sunlight.

Materials To Avoid

Strong oxidizing agents.

Hazardous Decomposition Products

Toxic gases are generated when heated.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity:

Not available.

Skin Corrosion/Irritation:

Slightly irritating.

Serious eye damage/irritation:

Slightly Irritating.

Respiratory or skin sensitization:

Respiratory sensitization

Not available.

Skin sensitization

May cause sensitization by skin contact.

Germ cell mutagenicity:

Not available.

Carcinogenicity:

IARC Carcinogenicity

Not listed

NTP - Carcinogenicity

Not listed.

OSHA - Carcinogenicity

Not listed.

Reproductive Toxicity:

Not available.

Specific target organ toxicity - single exposure:

STOT - Single exposure

Not available.

Specific target organ toxicity - repeated exposure:**STOT - Repeated exposure**

Not available.

Aspiration hazard:**Viscosity**

Not available.

SECTION 12. ECOLOGICAL INFORMATION**Toxicity**

No data available.

Degradability

No data available.

Bio accumulative potential

No data available on bioaccumulation.

Partition coefficient

Not available.

Mobility:

No information available.

Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB Substances.

Other adverse effects

Not known.

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal Methods**

Dispose of waste and residues in accordance with local authority requirements.

SECTION 14. TRANSPORT INFORMATION**UN No. (DOT/TDG)**

N/A

UN No. (IMDG Code)

Not classified as a dangerous goods under transport regulations.

UN No. (ICAO TI/IATA DGR)

Not classified as a dangerous goods under transport regulations.

Proper Shipping Name

Not applicable.

Hazard Class

No classification noted.

Hazard Label

No DOT label requirement noted.

IATA Class

Not classified as a dangerous goods under transport regulations.

IMDG Class

Not classified as a dangerous goods under transport regulations.

ICAO Class

Not classified as a dangerous goods under transport regulations.

Transport Labels

No transport warning sign required.

Packing Group

Not applicable.

Environmentally Hazardous Substance

Not applicable

/Marine Pollutant

Transport in Bulk according to Annex II of MARPOL 73/78 and the IBC Code Notes Not applicable.

SECTION 15. REGULATORY INFORMATION

Follow US FDA regulation (29 CFR 1910.1200) and OSHA's Hazard Communication Standard

SECTION 16. OTHER INFORMATION

Revision Date

2025/10/07 (Rev.0)

Latest Issued Date

2025.10.07

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