Trade Name: **PULPDENT LIME-LITE™ ENHANCED**

1.0	Commercial Product Name and Supplier			
1.1	Commercial product name / designation	Lime-Lite™ Enhanc	ed Light-cured Cavity Lir	ner
1.2	Application / Use	Dental material for use by dental professional only.		
1.2.2	SIC	851 Human health ac	ctivity	
1.2.3	Use Category	55		
1.3	Manufacturer			
	Pulpdent Corporation 80 Oakland Street, P.O. Box 780 Watertown, MA 02472 USA	Telephone: 1 617 926 Fax: 1 617 926 Email: Pulpdent@pul	6-6262	
1.4	Emergency Telephone Number	1-800-535-5053 (24 Hour / USA)		
1.5	Authorized European Representative	Advena Ltd. Pure Offices, Plato C Warwick, CV34 6WE United Kingdom		
2.0	Hazards Identification			
2.1	Classification	Irritant.		
2.1.1	Classification according to Regulation (EC) No 1272/2008 [CLP]	Hazard Class Eye irritation STOT SE Skin irritation Skin sensitization	Hazard Category 2 3 2 1	Hazard Statement H319 H335 H315 H317
2.1.2	Classification according to Directive 67/548/EEC (See SECTION 16 for full text of risk phrases)	Irritant; Xi; R 36/37/38 - 43		
2.2	GHS Label Elements Hazard Pictograms			

Hazard Pictograms



Signal Word: WARNING

Restricted to use by dental professional only.

Hazard Statements

H319: Eye irritation. 2. May cause eye irritation. H335: STOT SE. 3. May cause respiratory irritation.

H315: Skin irritation. 2. May cause skin irritation.

H317: Sensitization. 1. May cause an allergic skin reaction.

Precautionary Statements

P261: Avoid breathing vapor.

P280: Wear protective gloves and eye protection

P305+P351: If in eyes, rinse cautiously with water for several minutes.

P337+P313: If eye irritation persists, get medical advice/attention.

P302+P352: If on skin, wash with plenty of soap and water.

P333+P313: If irritation or rash occurs, get medical advice/attention.

P410+P411: Protect from sunlight. Store at temperature not exceeding 27°C / 80°F.

Trade Name: **PULPDENT LIME-LITE™ ENHANCED**

3.0	Composition				
3.1	Chemical charac	cterization of the preparation:	Light-cured, glass-filled resins.		
3.2 Hazardous ingredients					
	CAS Number	Name of the Ingredient	Concentration	Classification per 67/548/EEC	Classification per Regulation (EC) No.1272/2008 (CLP)
	Proprietary mixture	Blend of diurethane and other methacrylate resins	35.0%	Irritant; Xi R 3637//38 - 43	Eye irritation, 2, H319 STOT SE 3, H335 Skin irritation, 2, H315 Skin sensitization, 1, H317
	112945-52-5	Silica, amorphous	4.8%	Irritant; Xi, R 36/37/38	Eye irritation, 2, H319 STOT SE 3, H335 Skin irritation, 2, H315
4.0	First Aid Measur	es			
4.1	General Informati	on	May be irritating to eyes, respiratory system, skin. Prolonged or repeated contact with resins may cause sensitization. Show this safety data sheet to medical personnel. Get medical attention in case of uncertainty.		
4.2	Inhalation		Move to fresh air. If necessary, administer oxygen and/or artificial respiration and seek medical attention.		
4.3	Skin Contact		Take off contaminated clothing. Wash skin thoroughly with soap and water for 15 minutes.		
4.4	Eye Contact		Keep eyelids apart and flush with running water for 15+ minutes. Get medical attention.		
4.5	Ingestion		Rinse mouth with water. Do not induce vomiting. Get immediate medical attention. May be irritating to mucous membranes. Never give anything by mouth to an unconscious person.		
4.6	Precautions for fir	st responders	Ventilate the area. Wear eye and skin protection.		
4.7	Information for ph	ysicians			
	Symptoms		Irritation or redness in eyes, throat or on skin.		
	Hazards		May be irritating to eyes, respiratory system and skin. May cause sensitization by skin contact.		
	Treatment		As above under First Aid.		
5.0	Fire Fighting Me	asures			
5.1	Suitable extinguishing media Carbon dioxide, dry chemical, alcohol foam may be used to keep fire exposed containers				
5.2	Extinguishing media to avoid		Do not use direct water stream		
5.3			Heat may cause polymerization with rapid release of energy.		
5.4	Special protective	ecial protective equipment for fire-fighters A self-contained breathing apparatus should be worn by firefighters.			
6.0	Accidental Relea	Accidental Release Measures			
6.1	Personal precauti	ons.	Ventilate area. Wear safety glasses, gloves and lab coat.		
6.2	Environmental pro	ecautions	Contain spilled material. Follow all government regulations.		

Trade Name: **PULPDENT LIME-LITE™ ENHANCED**

6.3	Method for clean up	Absorb or wipe up spill with paper towels or cloths. Collect for disposal in a covered container. Wash area of spill with alcohol or soap and water.
7.0	Handling and Storage	
7.1	Handling	For use only by dental professionals. Follow good hygiene practices Remove applicator tip from syringe and recap immediately after use. Keep light-cured materials shaded from intense light sources.
7.2	Storage	Keep tightly capped. Store in original container at cool room temperature (<25°C). Avoid direct light, sources of ignition, extremes of temperature (>27°C/80°F, <5°C/40°F). Shelf life for unopened product is two years from date of manufacture, provided that the material has been stored properly.
7.3	Specific uses	Dental material
8.0	Exposure Controls / Personal Protection	1
8.1	Exposure limit values	PEL: Not established. TLV: Not established.
8.2	Exposure controls	
8.2.1	Occupational exposure controls	No special equipment required under normal conditions of use.
8.2.1.1	Respiratory protection	Good general ventilation is sufficient to control any airborne vapors.
8.2.1.2	Hand protection	Usual surgical gloves will limit contact with uncured material.
8.2.1.3	Eye protection	Usual safety glasses.
8.2.1.4	Skin protection	Good personal hygiene and safety practices; lab coat.
8.2.1.5	Other controls	Emergency eye wash fountain should be available. Wash hands after use.
8.2.2	Environmental exposure controls	Cure material before disposing. To the best of our knowledge, cured material is inert. Follow all government regulations.
9.0	Physical and Chemical Properties	
9.1	Characteristics	
9.1.1	Appearance /Color / Physical state	Dentin-shade (A2) paste
9.1.2	Odor	Faint, characteristic
9.2	Important health, safety and environmental information	
9.2.1	рН	Not determined
9.2.2	Boiling point	Not determined
9.2.3	Flash point	Not determined
9.2.4	Flammability (solid, gas)	Not applicable
9.2.5	Explosive properties	Not applicable
9.2.6	Oxidizing properties	Not determined
9.2.7	Vapor pressure	< 1 mm Hg / 133 Pa / Id: B
9.2.8	Specific gravity	1.700 ± 0.02
9.2.9	Solubility in water	Nil
9.2.10	Partition coefficient	Not determined

Trade Name: *PULPDENT LIME-LITE™ ENHANCED*

10.2 Materials to avoid 10.3 Hazardous decomposition products 10.4 Further information 10.5 Toxicological information 10.6 Acute toxicity 10.7 Not toxic. Min product and under the product and u	
9.2.13 Evaporation rate 10.0 Stability and reactivity 10.1 Conditions to avoid Temperature of the fire confideration and the fire confideration and the fire confideration and the fire to the fire confideration and the fire to the fi	extremes (>27°C/80°F, <5°C/40°F), light. oxidizing agents, peroxides, amines. ditions, with amounts greater than in this product, ymerization may occur with heat buildup, release of de, carbon dioxide, oxides of nitrogen. will occur when light-cured material is exposed to
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11.4 Sub-acute, sub-chronic and prolonged toxicity Prolonged an reactions in s amounts of th 11.5 Carcinogenicity, Mutagenicity, Reproductive Toxicity None known.	ng to eyes, mucous membranes or skin on contact ed exposure.
reactions in s amounts of th 11.5 Carcinogenicity, Mutagenicity, Reproductive None known. Toxicity	zing. Prolonged or frequent skin contact may cause actions in some susceptible individuals.
Toxicity	I/or frequent skin contact may cause allergic skin isceptible individuals. Prolonged exposure to large is material may cause eye and respiratory irritation.
11.6 Empirical data None available	
·	anced is new to the market, but initial evaluations ositive. There have been no reports of adverse
12.0 Ecological Information	
	f our knowledge, polymerized material is inert. No on is available.
13.0 Disposal Considerations	
	efore disposal. Follow all local and national
14.0 Transport Information	egulations in disposing material or contaminated
14.1 Restrictions None. Not reg	egulations in disposing material or contaminated
15.0 Regulatory Information	egulations in disposing material or contaminated
15.1 US FDA Class II medic	

Revision Date: May 28, 2019

Pulpdent Corporation Safety Data Sheet

Trade Name: **PULPDENT LIME-LITE™ ENHANCED**

16.0	Other information	
16.1	List of relevant R phrases	R36/37/38: Irritating to eyes, respiratory system and skin. R43: Sensitizing by skin contact
16.2	Hazard Statements	H319: Eye irritation. Hazard category 2. H335: Specific Target Organ Toxicity - Single exposure; hazard category. 3. Respiratory tract irritation. H315: Skin irritation. Hazard category 2. H317: Skin Sensitization. Hazard category 1.
16.3	Precautionary Statements	P261: Avoid breathing vapor. P280: Wear protective gloves and eye protection P305+P351: If in eyes, rinse cautiously with water for several minutes. P337+P313: If eye irritation persists, get medical advice/attention. P302+P352: If on skin, wash with plenty of soap and water. P333+P313: If irritation or rash occurs, get medical advice/attention. P410+P411: Protect from sunlight. Store at temperature not exceeding 27°C / 80°F.
16.4	Restrictions on use	Pulpdent products are to be sold to and used by dental professionals only.
16.5	Further information	The information presented herein is believed to be factual as it has been derived from the works of persons believed to be qualified experts. However, nothing contained in this information is to be taken as a warranty or representation for which Pulpdent Corporation bears legal responsibility. The user should review any recommendations in the specific context of the intended use to determine whether they are appropriate.
16.6	Sources of key data	National Institute for Occupational Safety (NIOSH) US Occupational Safety and Health Administration (OSHA) Eur-Lex European Union Law: Regulation (EC) No. 1272/2008 (CLP) and Regulation (EC) No. 1907/2006 (REACH). Guidance on the compilation of safety data sheets. Version 1.1; December 2011. European Chemicals Agency
16.7	Information which has been added, deleted or revised.	This Safety Data Sheet has been revised to meet the requirements of the GHS SDS format, Regulations (EC) No. 1272/2008 (CLP) and (EC) No. 1907/2006 (REACH). Specifically, Sections 2.1, 2.2, 3.2, 16.2, 16.3 have been modified.