

SECTION 1 | IDENTIFICATION

Product Name	DiaShine Diamond Polishing Compound
Also Supplied As	Lucida Polishing Paste; Lucida Click Polishing Paste. These products share the same constituent substances in differing proportions and are covered by this safety data sheet.
Chemical Family	Oxyalkylene Polymer
Formula	Proprietary
Recommended Use	Professional use. Polishing of dental restorative materials, ceramics, resins, metals, jewelry and acrylics.
Manufacturer	VH Technologies Ltd.
Address	2100 196th St SW #116, Lynnwood, WA 98036, USA
Emergency Telephone	VH Technologies: +1 425.361.2990. US Poison Control (Poison Help): +1 800 222 1222.
EU Emergency Number	112 (general emergency number, all EU Member States)

SECTION 2 | HAZARD(S) IDENTIFICATION

Classification (EU)	Not classified as hazardous under Regulation (EC) No 1272/2008 (CLP).
Classification (US)	Not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.
Label Elements	No hazard pictogram, signal word or hazard statements required.
Other Hazards	Contains diamond abrasive powder. Avoid generating airborne dust when handling dried residue.

SECTION 3 | COMPOSITION / INFORMATION ON INGREDIENTS

Oxyalkylene Polymer	CAS No. 9082-00-2
Diamond Powder	CAS No. 7782-40-3 EC No. 231-953-2

The specific chemical identity and exact percentage of the composition has been withheld due to proprietary information. No constituent is classified as hazardous under Regulation (EC) No 1272/2008.

SECTION 4 | FIRST-AID MEASURES

Eye Contact	In case of contact, flush eyes with plenty of lukewarm water. Get medical attention if irritation develops.
Skin Contact	In case of skin contact, wash affected areas with soap and water. No evidence of harmful effects from available information.
Inhalation	If inhaled, remove to fresh air. If breathing is difficult, give oxygen. Get medical attention if irritation develops. Short-term harmful health effects are not expected from vapor generated at ambient temperature.
Ingestion	If ingested, do not induce vomiting unless directed to do so by medical personnel. Get medical attention.

SECTION 5 | FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Carbon dioxide (CO ₂), dry chemical, foam, water spray for large fires.
Unsuitable Extinguishing Media	None known.
Special Fire Fighting Procedures	Firefighters should be equipped with self-contained breathing apparatus to protect against potentially irritating fumes. Irritating fumes may be given off during burning or thermal decomposition. Use cold water spray to cool fire-exposed containers to minimise risk of rupture.

SECTION 6 | ACCIDENTAL RELEASE MEASURES

Personal Precautions	Avoid contact with eyes. Wear gloves and eye protection. Spillage may present a slip hazard.
Environmental Precautions	Do not allow large quantities to enter drains or watercourses.
Spill and Leak Procedures	Collect mechanically. Wash residual spill area with soap and water.

SECTION 7 | HANDLING AND STORAGE

Handling	Handle in accordance with good occupational hygiene practice. Avoid generating airborne dust from dried residue. Wash hands after use.
Maximum Storage Temperature	49 C / 120 F
Storage Conditions	Store in closed original containers. Keep away from oxidizing agents.
Shelf Life	10 years from date of manufacture (Lucida and Intra Oral products).

SECTION 8 | EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits	No occupational exposure limit values assigned to the constituent substances.
Ventilation	Adequate general ventilation. Local exhaust where dust may be generated.
Eye Protection	Safety glasses.
Hand Protection	Protective gloves.
Respiratory Protection	Not normally required. A dust mask may be used if dusty conditions exist.
Other Equipment	Eye wash facility should be available.

SECTION 9 | PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Opaque gray compound, colour may vary
Odor	Mild peppermint odor
Odor Threshold	Not established

pH	Not established
Melting / Freezing Point	95 C / 50 C
Initial Boiling Point	Not established
Flash Point	>176 C (Pensky-Martens Closed Cup, ASTM D93)
Evaporation Rate	Nil
Flammability Limits in Air	Upper and lower limits not established
Vapor Pressure	Nil
Vapor Density	>1
Solubility	Completely soluble in water. 50% by weight at 20 C.
Viscosity	Dynamic 750-980 mPa.s at 25 C
Auto-Ignition Temperature	Not applicable
Decomposition Temperature	Not applicable
Explosive / Oxidizing Properties	None

SECTION 10 | STABILITY AND REACTIVITY

Reactivity	No hazardous reactivity known under normal conditions of use.
Stability	Stable.
Hazardous Reactions	Hazardous polymerisation does not occur.
Conditions to Avoid	Temperatures above 49 C.
Incompatible Materials	Oxidizing agents.
Decomposition Products	Irritating fumes may be given off on thermal decomposition.

SECTION 11 | TOXICOLOGICAL INFORMATION

Toxicological Data	No adverse effects are known or expected under normal conditions of use. No specific toxicological data available for the mixture.
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SECTION 12 | ECOLOGICAL INFORMATION

Ecological Data	No specific ecological data available for the mixture. No adverse environmental effects are known or expected under normal conditions of use.
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SECTION 13 | DISPOSAL CONSIDERATIONS

Waste Disposal	Dispose of in accordance with applicable national and local regulations. Within the EU, Directive 2008/98/EC on waste applies. Within the US, dispose of in accordance with federal, state and local environmental control laws.
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Contaminated Packaging Dispose of in accordance with local regulations.

SECTION 14 | TRANSPORT INFORMATION

Transport Classification	Not regulated. Not classified as dangerous goods under ADR, RID, IMDG or IATA.
Environmental Hazards	Not classified as a marine pollutant.
Special Precautions	None.

SECTION 15 | REGULATORY INFORMATION

EU	Regulation (EC) No 1907/2006 (REACH). Regulation (EC) No 1272/2008 (CLP). The mixture is not classified as hazardous. No constituent substance appears on the Candidate List of Substances of Very High Concern.
Medical Devices	Lucida and Lucida Click are supplied as CE marked medical devices under Regulation (EU) 2017/745. This safety data sheet supports occupational handling and does not replace the Instructions for Use.
US	Not hazardous under 29 CFR 1910.1200.

SECTION 16 | OTHER INFORMATION

Revision Date	1 July 2026
Supersedes	1 January 2026
Summary of Changes	Lucida and Lucida Click added to product identification. Emergency contact details expanded. EU classification statement added at Section 2. Shelf life added at Section 7. Section 8 clarified. Section 15 expanded.
Prepared By	VH Technologies Ltd.

The information contained in this Safety Data Sheet is believed to be accurate as of the revision date shown and is provided in good faith. It relates only to the product named and does not apply to use in combination with any other material or process. Users are responsible for determining the suitability of the product for their own application.