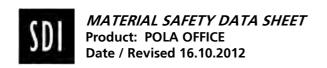
SAFETY DATA SHEETS

This SDS packet was issued with item:

076372056

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

076372007



Revision: 5

1. Substance / Preparation and Company name

Product Name: Pola Office

Recommended use: To remove discoloration of teeth, to be performed by a dentist.

Manufacturer / Supplier

SDI Limited SDI Inc.

3-13 Brunsdon Street, Bayswater 729 N.Route 83, Suite 315 Victoria, 3153, Australia Bensenville 60106 IL, USA

<u>Telephone</u>: <u>Telephone</u>:

+61 3 8727 7111 (Business hours) 630 238 8300 (Business hours)

Southern Dental Industries Ltd

Block 8, St Johns Court

Swords Road

SDI Brasil Indústria e Comércio Ltda
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Santry, Dublin 9, Ireland Brasil

<u>Telephone</u>: <u>Telephone</u>:

+353 1 886 9577 (Business Hours) + 55 11 3092 7100 (Business Hours)

Emergency contact number: +61 3 8727 7111

2. Composition / Information on ingredients

<u>Composition</u> :	CAS No.	<u>Wt. % w/w</u>	
Pola Office Liquid			
Hydrogen peroxide (35%)	7722-84-1	35.0	
Pola Office Powder			
Pola Office Powder Silicone dioxide powder Catalysts (Proprietary)	7631-86-9	73.3 26.2	

3. Hazard Identification

Classified as: HAZARDOUS; DANGEROUS.

Pola Office Liquid is corrosive and causes irritation/damage to skin, eye and mucous membrane.

Hazard Classification according to GHS:

Skin Corrosion/Irritation Category 2 Serious Eye Damage/Irritation Category 1 DANGER

Hazard phrase(s) –	H315	Causes skin irritation
	H318	Causes serious eye damage

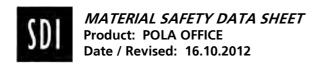
P280

H302 Harmful if swallowed

Precautionary phrase(s) – **P264** Wash skin thoroughly after handling

Wear protective gloves and eye protection/face

protection.



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3. Hazard Identification (Cont'd.)

Precautionary phrase(s) – P302+P352 IF ON SKIN OR HAIR: Wash with plenty of soap and

water.

P332+P313 If skin irritation occurs: Get medical advice/attention.
P362 Take off contaminated clothing and wash before reuse.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to

do. Continue rinsing.

P331 If swallowed, do NOT induce vomiting.

P310 Immediately call a POISON CENTER or doctor/physician.

Pola Office Powder is hazardous. It is fluffy and easily airborne. Limit disturbance of the powder pot and avoid inhalation of any airborne dust.

Hazard Classification according to GHS:

Specific Target Organ Toxicity Category 3; Serious Eye Damage/Irritation Category 2A WARNING

Hazard phrase(s) - H335 May cause respiratory irritation

H319 Causes serious eye irritation

Precautionary phrase(S) - **P261** Avoid breathing dust

P280 Wear eye/face protection

P271 Use only outdoors or in a well-ventilated area **P304+P340** IF INHALED: Remove victim to fresh air and keep at

rest in a position comfortable for breathing.

P312 Call a POISON CENTRE or doctor/physician if you feel

unwell.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several

minutes. Remove contact lenses, if present and easy

to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice / attention. **P403+P233** Store in a well-ventilated place. Keep container tightly

closed.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local

regulations.

4. First Aid Measures

Eye (contact): Immediately flush open eyes with running water for at least 15 minutes. Seek

immediate medical attention. Make sure the patients, dentists and auxiliary's

eyes are protected.

Skin (contact): Remove contaminated clothing. Wash skin with plenty of water. Skin may

appear temporarily bleached white.

Ingestion: Do NOT induce vomiting, immediately drink lots of water/milk. Seek immediate

medical attention.

Inhalation: Remove to fresh air. If not breathing, give Artificial respiration. If breathing is

difficult, seek immediate medical advice.

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5. Fire Fighting Measures

Suitable extinguishing media: Water spray.

Unusual Fire and Explosion Hazards: Strong oxidiser. Contact with other substances may cause fire.

Container explosion may occur under fire conditions.

Special protective equipment: Wear approved respiratory and protective gear. Use spray to cool

containers.

Flammability: Non flammable.

6. Accidental Release Measures

Personal precautions: Do not get into eyes, on skin or clothing.

Environmental precautions: Prevent any spillage from entering waterways, drains or sewage system.

Use protective eyewear and latex gloves when handling.

Methods for cleaning up: Clean up with damp rag. Rinse rag thoroughly with water.

7. Handling and storage

Handling

Extreme care required when handling the Hydrogen Peroxide Liquid. Container may be under pressure. Remove cap with caution. Replace caps immediately after use. Care when handling the Pola Office Powder to avoid disturbance, as the powder is easily airborne - avoid inhalation and contact with eyes.

Storage

Storage by the end user (Dental Clinic) is recommended to be at temperatures between 2° - 8° C (35° - 45° F) and should be kept away from direct sunlight.

Distribution

During distribution, to our customers, this product can be transported in non-refrigerated conditions between 15° to 25° C. This product can also withstand temperatures up to 40° C for short periods (2 to 3 days) and intermittent peaks up to 50° C.

8. Exposure controls / personal protection

Respiratory protection: Not required under normal conditions of use.

Hand protection: Chemical resistant gloves.

Eye protection: Safety glasses, goggles or face shield.

General safety and hygiene measures: Safety shower and eye bath. Wash thoroughly after handling.

Wash contaminated clothing before re-use.

Follow good housekeeping practices and good industrial

hygiene in handling this material.

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9. Physical and chemical properties

Pola Office Liquid Pola Office Powder

Appearance: Clear, colourless liquid Fluffy white speckled

powder

Odour: Not applicable Not applicable

Boiling point: 126°C Not applicable

Melting point: -40°C Not established

Specific gravity: 1.11 Not established

Flash point: Not applicable Not applicable

Flammable: Not flammable Not flammable

Autoflammability: Does not self ignite Does not self ignite

Explosive properties: Does not present an explosion hazard Does not present

an explosion hazard

Oxidising properties: Strong oxidiser Strong oxidiser

Vapour pressure (@ 20°C): 23.3 mm Hg Not volatile

Pola Office Liquid Pola Office Powder

Solubility: Soluble in water Not soluble in water

10. Stability and Reactivity

Stability: Hydrogen Peroxide Liquid is easily decomposed.

Powder is stable.

Conditions to avoid: Heat and moisture.

Materials to avoid: Metals, strong bases and acids, organic solvents, combustibles.

Hazardous decomposition products: Hydrogen Peroxide Liquid decomposes to oxygen and water.

Powder decomposes to sulfur oxides, oxygen, carbon monoxide,

carbon dioxide.

Hazardous reactivity (polymerization): Will not occur.

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11. Toxicological information

Acute toxicity: Harmful by inhalation and ingestion.

Skin (contact): May be irritating

Eye (contact) Damaging to eyes.

Ingestion: Harmful

Inhalation: May be harmful and irritating to respiratory system.

12. Ecological information

Self assessment: **Pola Office Liquid** - Biodegradable.

Pola Office Powder - Data not yet available.

13. Disposal considerations

Dispose of in accordance with local official regulations. Wash containers out with water prior to disposal.

14. Transport information

Hydrogen peroxide, aqueous solution UN2014 Packing Group II Class 5.1 subsidiary-risk Class 8.

If packed in Chemical kits the following classification may be considered if all ICAO/IATA transport requirements are met:

Chemical Kit UN3316 - Class 9.

15. Regulatory information

Classified according to the Australian SUSMP - *Standard for the Uniform Scheduling of Medicines and Poisons*, as follows: Schedule 6 - POISON

16. Other information

For professional use only. Use as directed.

The information provided herein is given in good faith, but no warranty expressed or implied is made.

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Department issuing MSDS: Research and Development

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