

DATE OF ISSUE: June 15, 2014


ISSUED BY PASCAL

Product Name: Hydent®

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Hydent®
 Product Use: Denture Indicating Aerosol Paste
 Manufacturer Name: Pascal International, Inc.
 Address: 2929 NE Northup Way
 Bellevue, Washington 98004
 Emergency Telephone (Infotrac): 1-800-535-5053, 1-352-323-3500
 Telephone: 1-425-827-4694, 1-800-426-8051
 Fax: 1-425-827-6893

2. HAZARDS IDENTIFICATION

Hazard		Can is under pressure
		Irritating to eyes
		Inhalation of large quantities of propellant may displace oxygen in lungs
Risk Phrases	 Danger Category 3 Extremely flammable aerosol	R12: Extremely flammable
		R18: Vapor may form flammable mixtures with air
Safety Phrases		R36: Irritating to eyes. R20: Harmful by inhalation S2: Keep out of the reach of children S15: Keep away from heat. S23: Do not breathe vapor. S25: Avoid contact with eyes.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Mixture	Chemical Entity	CAS No.	Proportion*	ACGIH TLV
Propellant	Isobutane	75-28-5	97%	1000 ppm
	N-Butane	106-97-8	2%	1000 ppm
	Propane	74-98-6	1%	1000 ppm
Component	Zinc Oxide	01314-13-2		

4. FIRST AID MEASURES

Inhalation	Move to fresh air. If unconscious, give oxygen
Ingestion	Ingestion of normal quantities is non-toxic.
Skin	N/A
Eye	Flush with water for 15 minutes. Seek medical aid.

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5. FIRE FIGHTING MEASURES

Extinguishing Media: CO₂, Foam, Dry Chemical, Water
Specific Hazards: Extremely flammable and combustible. Temperature above 50°C/120°F may cause bursting and contents under pressure may discharge.
Precautions in connection with Fire: Confine fire to immediate area. Use of self contained breathing apparatus is recommended. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures: Provide adequate ventilation.
Clean Up Procedure: Use soap and water.

7. HANDLING AND STORAGE

Handling: Content is under pressure. Keep away from fire. Flammable. Do not puncture.
Storage: Content is under pressure. Store in a cool, dry area away from heat sources and/or prolonged exposure to sun. Keep away from fire. Flammable. Do not puncture.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits: Zinc Oxide
• OSHA: TWA: 15mg/m³, PEL: NE, Ceiling: NE
• ACGIH: TWA: 10mg/m³, TLV STEL: 10mg/m³, Ceiling: NE
Respiratory Protection: Dust mask recommended.
Eye Protection: Recommended
Hand Protection: Gloves recommended
Engineering Controls: Normal room ventilation
Biological Limit Values: Not determined

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White paste dispensed as an aerosol.
Odor: Slight mint aroma
Vapor Pressure: (Isobutane @ 32° F) 1,519.0
(mm Hg and Temperature)

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Vapor Density (AIR=1)	(Isobutane) 2.01
Boiling Point	(Isobutane) 10.9° F
Freezing / Melting Point	Not Determined
Solubility in Water	Minimal
Specific Gravity	(Isobutane) 0.5631
Evaporation Rate	Not Determined
Water Reactive	N/A
Flash Point	120° F/49°C
Flammable Limits LEL	Maintain level below 0.25 LEL. May displace oxygen in air
Flammable Limits UEL	Not determined

10. STABILITY AND REACTIVITY

Chemical Stability	Stable
Conditions to Avoid	N/A
Incompatible Materials	Strong acids and magnesium.
Hazardous Decomposition Products	None known
Hazardous Reactions	None known

11. TOXICOLOGICAL INFORMATION

Hazardous Ingredient:	N/A
Routes of Exposure:	Refer to Section 4 of MSDS

12. ECOLOGICAL INFORMATION

Ecotoxicity	Contains no CFC's. Propellants are ecologically safe.
Persistence and Degradability	Not determined
Mobility	Not determined

13. DISPOSAL CONSIDERATIONS

Disposal Method and Containers	Empty containers may be disposed of in waste containers.
Special Precautions	Do not incinerate. Do not crush. Dispose in accordance with all local, state and federal regulations.

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14. TRANSPORT INFORMATION

UN Number	UN1950
UN Proper Shipping Name	Aerosol, flammable
Class and Subsidiary Risk	2.1
Packing Group	N/A
Special Precautions for User	N/A
Hazchem Code	1T
EMS Numbers:	F-D, S-U
Marine Pollutant:	No
Transport Required Labeling:	



Air Transport:



Maritime Transport:



Land Transport:



15. REGULATORY INFORMATION

Consumer Commodity	ORM-D, ID 8000
AICS (Australia)	All ingredients are listed
Precautionary Phrases:	For professional in-office use only. Keep out of reach of children.
Note:	Refer to applicable international, national, and local regulations and provisions.

16. OTHER INFORMATION

Legal Disclaimer: Information contained in this MSDS is based on data believed to be correct. This information does not purport to be all inclusive and shall be used only as a guide. No warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. In no event will the manufacturer or the distributor be responsible for damages of any nature whatsoever resulting from the

Safety Data Sheet

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MSDS History

use of or reliance upon this information.

Date of Issue: June 15, 2014

Replaces Issue: March 12, 2012

Changes made to previous issue: MSDS to SDS;

Added GHS Pictogram and Signal Word to Section

2; Added pictograms and transport info in Section 14