

# SAFETY DATA SHEETS

**This SDS packet was issued with item:**

075554357

N/A

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		R12: Extremely flammable
		R18: Vapor may form flammable mixtures with air
		R36: Irritating to eyes.
		R20: Harmful by inhalation
Safety Phrases		S2: Keep out of the reach of children
		S15: Keep away from heat.
		S23: Do not breathe vapor.
		S25: Avoid contact with eyes.



Danger  
Category 3  
Extremely flammable aerosol

## 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: CO<sub>2</sub>, 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/m<sup>3</sup>, PEL: NE, Ceiling: NE  
• ACGIH: TWA: 10mg/m<sup>3</sup>, TLV STEL: 10mg/m<sup>3</sup>, 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.

**Product Name:** Hydent®

## 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

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<b>Product Name:</b>	Hydent <sup>®</sup>
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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

DATE OF ISSUE: May 26, 2015

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## 2. HAZARDS IDENTIFICATION

### GHS Classification & Label Elements:

#### Physical Hazard

**Flammable Aerosol** Category 1

#### Label Elements:



**Signal Word:** **Danger**

### Hazard Statements:

H222 Extremely Flammable aerosol

### Precautionary Statements

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

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Skin	N/A
Eye	Flush with water for 15 minutes. Seek medical aid.

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Clean Up Procedure:	Use soap and water.

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Exposure Limits	Zinc Oxide
• OSHA	TWA: 15mg/m <sup>3</sup> , PEL: NE, Ceiling: NE
• ACGIH	TWA: 10mg/m <sup>3</sup> , TLV STEL: 10mg/m <sup>3</sup> , Ceiling: NE
Respiratory Protection	Dust mask recommended.
Eye Protection	Recommended
Hand Protection	Gloves recommended
Engineering Controls	Normal room ventilation
Biological Limit Values	Not determined

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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:



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## SDS History

Date of Issue: May 26, 2015  
Replaces Issue: June 15, 2014  
Changes made to previous issue: Added GHS classification, pictograms, hazard & precautionary statements