

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.

Product Name:	Hydent®
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5. FIRE FIGHTING MEASURES

Extinguishing Media:	CO ₂ , 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 ³ , PEL: NE, Ceiling: NE
• ACGIH	TWA: 10mg/m ³ , TLV STEL: 10mg/m ³ , 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
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Appearance	White paste dispensed as an aerosol.
Odor	Slight mint aroma
Vapor Pressure (mm Hg and Temperature)	(Isobutane @ 32° F) 1,519.0

DATE OF ISSUE: June 15, 2014

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Product Name: Hydent[®]

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

Safety Data Sheet

DATE OF ISSUE: June 15, 2014

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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


Safety Data Sheet

DATE OF ISSUE: August 25, 2023

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1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER	
Product Name	Hydent®
Product Use:	Denture Indicating Aerosol Paste
Manufacturer Name	Pascal International, Inc.
Address	2929 Northup Way Bellevue, Washington 98004 USA
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	
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				
Mixture	Chemical Entity	CAS No.	Proportion*	ACGIH TLV
Propellants	Isobutane	75-28-5	97%	1000 ppm
	N-Butane	106-97-8	2%	1000 ppm
	Propane	74-98-6	1%	1000 ppm

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.

Safety Data Sheet

DATE OF ISSUE: August 25, 2023

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5. FIRE FIGHTING MEASURES

Extinguishing Media:	CO ₂ , 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.
Personal Precautions:	Wear mask and gloves

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:	Not determined
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 (mm Hg and Temperature):	(Isobutane @ 32° F) 1,519.0
Vapor Density (AIR=1):	(Isobutane) 2.01
Relative Density:	Not determined
Boiling Point:	(Isobutane) 10.9° F
Freezing / Melting Point:	Not Determined
Solubility in Water:	Minimal

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Product Name:	Hydent [®]
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Specific Gravity:	(Isobutane) 0.5631
Evaporation Rate:	Not Determined
Water Reactive:	N/A
Flash Point:	120° F/49°C
Flammable Limits LEL:	Isobutane 1.6%. May displace oxygen in air.
Flammable Limits UEL:	Not determined
Viscosity:	Not determined

10. STABILITY AND REACTIVITY	
Chemical Stability:	Stable
Reactivity:	Stable
Conditions to Avoid:	High heat or flames
Incompatible Materials:	Strong acids.
Hazardous Decomposition Products:	None known
Hazardous Reactions:	None known

11. TOXICOLOGICAL INFORMATION	
Hazardous Ingredient:	N/A
Routes of Exposure:	Refer to Section 4 of SDS
Acute & Chronic Hazards:	None known if used as indicated and directed

12. ECOLOGICAL INFORMATION	
Ecotoxicity:	Contains no CFC's. Propellants are ecologically safe.
Persistence and Degradability:	Not determined
Mobility in soil:	Not determined
Bioaccumulative Potential:	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		
Australian Classification Statement (ADG)	Division 2.1 Flammable Gases		
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
Precautionary Phrases:	For professional in-office use only. Keep out of reach of children.
AICS (Australia)	This product is a medical device and not subject to chemical notification requirements.
HSNO Act (New Zealand)	Group Standard #HSR002515 Aerosols (Flammable)
CA Prop 65:	No ingredients are subject to CA Prop 65 warning.
Note:	Refer to applicable international, national, and local regulations and provisions.

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SDS History	
Date of Issue:	August 25, 2023
Replaces Issue:	October 30, 2017
Changes made to previous issue:	Updated issue date to comply with mandated five-year requirement; Removed non-hazardous components from section 3; Updated Australian requirements; Added CA Prop 65 warning; Assigned group standard for HSNO Act (New Zealand) and added group number to section 15.