

SAFETY DATA SHEETS

This SDS packet was issued with item:

072742278

N/A

DENTSPLY International

Safety Data Sheet

Safety Data Sheet (conforms to with Regulation (EC) 1907/2006, Regulation (EC) 1272/2008 and Regulation (EC) 2015/830), US 29CFR1910.1200, Canada Hazardous Products Regulation

Date Issued: 16 September 2006

Document Number: 199

Date Revised: 3 August 2017

Revision Number: 5

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier:

Trade Name (as labeled): Eclipse® Model Release Agent

Part/Item Number: 905048

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against:

Recommended Use: Used in construction of artificial dentures

Restrictions on Use: For Professional Use Only

1.3 Details of the Supplier of the Safety Data Sheet:

Manufacturer/Supplier Name: Dentsply Sirona Prosthetics

Manufacturer/Supplier Address: 570 West College Ave.
York, PA 17401

Manufacturer/Supplier Telephone Number: 717-845-7511 (Product Information)

Email address: Prosthetics_MSDS@Dentsplysirona.com

1.4 Emergency Telephone Number:

Emergency Contact Telephone Number: 800-424-9300 Chemtrec

2. HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture:

GHS Classification:		
Health	Environmental	Physical
Not Hazardous	Not Hazardous	Not Hazardous

2.2 Label Elements:

None Required

Signal Word: None

Hazard Phrases	Precautionary Phrases
None Required	None Required

2.3 Other Hazards: None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance:

Hazardous Components	C.A.S. #	EINECS # / REACH Registration #	Classification	WT %
Petrolatum	8009-03-8	232-373-2 /	Not Applicable	100

Refer to Section 16 for the full text of the GHS Classifications.

4. FIRST AID MEASURES

4.1 Description of First Aid Measures:

Eye	Flush eyes with water, while holding the eyelids apart for several minutes. Get medical attention if irritation occurs.
Skin	Wash skin with soap and water. Get medical attention if irritation occurs.
Inhalation	If irritation develops, remove victim to fresh air. Get medical attention if symptoms persist.
Ingestion	Rinse out mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious or drowsy person. Get medical attention.

4.2 Most Important Symptoms and Effects, Both Acute and Delayed:

Contact with molten product may cause thermal burns. Vapors from molten material may cause eye and respiratory tract irritation.

4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed:

Immediate medical attention is not required.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing Media:

Use water fog, carbon dioxide, foam or dry chemical.

5.2 Special Hazards Arising from the Substance or Mixture:

Product is not classified as flammable or combustible, but will burn under fire conditions. Decomposition may release carbon monoxide, carbon dioxide, and smoke.

5.3 Advice for Fire-Fighters:

Fire Fighting Procedures/Precautions for Fire Fighters:	Use water to cool exposed containers and structures and disperse flammable vapors. Firefighters should wear full emergency equipment and approved positive pressure self-contained breathing apparatus. Do not enter fire area without proper protection.
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6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

Avoid contact with skin, eyes or clothing. Wear appropriate protective clothing as described in Section 8.

6.2 Environmental Precautions:

Do not allow spills to enter sewers or waterways. Report releases as required by local, state, and national authorities.

6.3 Methods and Material for Containment and Cleaning up:

Wipe up or scoop up material and place into appropriate container for disposal.

6.4 Reference to Other Sections:

Refer to Section 8 for Personal Protective Equipment and Section 13 for Disposal information.

7. HANDLING AND STORAGE

7.1 Precautions for Safe Handling:

Avoid eye contact and prolonged skin contact. Avoid breathing mists. Wear protective clothing and equipment as described in Section 8. Wash thoroughly after handling.

Follow all SDS precautions when handling empty containers.

7.2 Conditions for Safe Storage, Including Any Incompatibilities: Store in a dry, well-ventilated area away from heat, direct sunlight and all sources of ignition.

7.3 Specific End Use (s): For professional use only.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters:

Occupational Exposure Limits:

Petrolatum	None Established
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Biological Exposure Limits: None Established

8.2 Exposure Controls:

Appropriate Engineering Controls: Use with adequate general or local exhaust ventilation to minimize exposures levels.

Individual Protection Measures (PPE):

Specific Eye/face Protection: None needed for normal use conditions.

Specific Skin Protection: None needed for normal use conditions. For prolonged use, rubber gloves may be worn.

Specific Respiratory Protection: None needed for normal use conditions.
Specific Thermal Hazards: None required

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on Basic Physical and Chemical Properties:

Appearance:	White viscous liquid	Explosive limits:	LEL: 0.9% (paraffin) UEL: 7.0% (paraffin)
Odor:	Light petroleum odor	Vapor pressure (mmHg):	0.9
Odor threshold:	Not applicable	Vapor density:	>1
pH:	Not applicable	Relative density:	Not determined
Melting/freezing point:	140°F (60°C)	Solubility(ies):	Negligible
Initial boiling point and boiling range:	550°F (288°C)	Partition coefficient: n-octanol/water:	Not determined
Flash point:	390°F (199°C) COC	Auto-ignition temperature:	Not determined
Evaporation rate:	0.01 (n-butyl acetate = 1)	Decomposition temperature:	Not determined
Flammability (solid, gas):	Not applicable	Viscosity:	Not determined
Explosive Properties:	None	Oxidizing Properties:	None

9.2 Other Information: None available

10. STABILITY AND REACTIVITY

10.1 Reactivity: None known.

10.2 Chemical Stability: Stable under normal conditions.

10.3 Possibility of Hazardous Reactions: None known.

10.4 Conditions to Avoid: Avoid extreme heat.

10.5 Incompatible materials: Avoid oxidizing agents.

10.6 Hazardous Decomposition Products: Thermal decomposition may release carbon monoxide, carbon dioxide, and smoke.

11. TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects:

<u>Potential Health Effects:</u> <u>Eyes:</u> Direct contact may cause mild eye irritation <u>Skin:</u> Prolonged or repeated contact may cause mild skin irritation or defatting of the skin. <u>Ingestion:</u> Small amounts are not anticipated to cause adverse effects. Large quantities may cause a nausea, vomiting or diarrhea. <u>Inhalation:</u> None anticipated under normal use conditions. Inhalation of mists may cause irritation upper respiratory tract. Symptoms include coughing, sneezing and difficulty in breathing.
<u>Chronic Health Effects:</u> None known.
<u>Irritation:</u> No data available. This product is not expected to cause irritation.
<u>Corrosivity:</u> No data available. This product is not corrosive.
<u>Sensitization:</u> No data available. This product is not expected to cause sensitization.
<u>Carcinogenicity:</u> None of the components of this product are listed as carcinogens by OSHA, IARC, NTP, ACGIH or the EU CLP.
<u>Mutagenicity:</u> No data available. This product is not expected to cause mutagenic activity.
<u>Aspiration Hazard:</u> Not an aspiration hazard
<u>Acute Toxicity Data:</u> Petrolatum: Oral rabbit LD50: >5000 mg/kg; Dermal rabbit LD50: >3600 mg/kg
<u>Reproductive Toxicity Data:</u> No data available. This product is not expected to cause adverse reproductive effects.
<u>Specific Target Organ Toxicity Single Exposure (STOT-SE):</u> No data available.
<u>Specific Target Organ Toxicity Repeated Exposure (STOT-RE):</u> No data available.

12. ECOLOGICAL INFORMATION

12.1 Toxicity: No data is currently available
12.2 Persistence and Degradability: No data is currently available
12.3 Bio-accumulative Potential: No data is currently available
12.4 Mobility in Soil: No data is currently available
12.5 Results of PBT and vPvB Assessment: Not required
12.6 Other Adverse Effects: None

13. DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods:

Waste Treatment Recommendations: Dispose in accordance with national and local regulations.

14. TRANSPORT INFORMATION

	14.1 UN Number	14.2 UN Proper Shipping Name	14.3 Hazard Class(s)	14.4 Packing Group	14.5 Environmental Hazards
DOT	None	Not Regulated	None	None	Not applicable
ADR/RID	None	Not Regulated	None	None	Not applicable
IMDG	None	Not Regulated	None	None	Not applicable
IATA/ICAO	None	Not Regulated	None	None	Not applicable

14.6 Special Precautions for User: Not applicable.

14.7 Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code: Not applicable.

15. REGULATORY INFORMATION

15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture:

U.S. Federal Regulations

Comprehensive Environmental Response and Liability Act of 1980 (CERCLA): This product is not subject to CERCLA reporting requirements. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

Toxic Substances Control Act (TSCA): All of the components of this product are listed on the TSCA inventory.

Clean Water Act (CWA): This material is not regulated under the Clean Water Act.

Clean Air Act (CAA): This material is not regulated under the Clean Air Act.

Superfund Amendments and Reauthorization Act (SARA) Title III Information:

SARA Section 311/312 (40 CFR 370) Hazard Categories: Classified under OSHA Hazcom 2012 GHS as per Section 2 of this SDS.

This product contains the following toxic chemical(s) subject to reporting requirements of SARA Section 313 (40 CFR 372): None.

State Regulations

California: This product contains the following substances known to the state of California to cause cancer and/or reproductive toxicity: None known.

International Regulations

Canadian Environmental Protection Act: All of the components in this product are listed on the Domestic Substances list (DSL).

EU REACH: All components requiring registration have been pre-registered.

Australian Inventory of Chemical Substances: All of the components in this product are listed on the AICS for Australia.

China Inventory of Existing Chemicals and Chemical Substances: All of the components in this product are listed on the IECSC for China.

Japanese Existing and New Chemical Substances: All of the components in this product are listed on the Japanese ENCS list.

Philippine Inventory of Chemicals and Chemical Substances: All of the components in this product are listed on the PICCS.

Korean Existing Chemicals List: All of the components in this product are listed on the KECL for Korea.

15.2 Chemical Safety Assessment: None required.

16. OTHER INFORMATION

HMIS Hazard Rating:

Health – 1 Flammability – 1 Physical Hazard– 0

Full text of Classification abbreviations used in Section 2 and 3:

None

Supersedes: 3 July 2014

Date Updated: 3 August 2017

Revision Summary: 3 Year update. Changes to all sections.

Data Sources: US NLM ChemID Plus and HSDB, Substance SDS for components, ECHA REACH Registration Website, Country websites for occupational exposure limits.

DENTSPLY International

DENTSPLY PROSTHETICS

Safety Data Sheet

Safety Data Sheet (in compliance with Regulation (EC) 1907/2006, Regulation (EC) 1272/2008 and Regulation (EC) 453/2010)

Date Issued: 19 September 2006
Document Number: 199
Date Revised: 15 April 2013
Revision Number: 3

1. PRODUCT IDENTIFICATION

Trade Name (as labeled): Eclipse® Model Release Agent
Product Identifier (Part/Item Number): 905048
U.N. Number: None
U.N. Dangerous Goods Classification: Not Regulated
Recommended Use: Used in construction of artificial dentures
Restrictions on Use: For Professional Use Only
Manufacturer/Supplier Name: Dentsply Prosthetics
Manufacturer/Supplier Address: 570 West College Ave.
York, PA 17405-0872
Manufacturer/Supplier Telephone Number: 717-845-7511 (Product Information)
Emergency Contact Telephone Number: 800-424-9300 Chemtrec
Email address: Prosthetics_MSDS@Dentsply.com

2. HAZARD(s) IDENTIFICATION

EU Classification (1999/45/EC): Not Dangerous

Refer to Section 16 for the full text of the EU Classifications and R Phrases.

Labeling in accordance with 1999/45/EC: Not required

US Hazard Classification: Not Hazardous

3. COMPOSITION AND INFORMATION ON INGREDIENTS





Hazardous Components	C.A.S. #	EINECS #	Substance Classification	WT %
Petrolatum	8009-03-8	232-373-2	Not Applicable	100

Refer to Section 16 for the full text of the GHS and H phrases and EU Classifications and R Phrases.

4. FIRST-AID MEASURES

Routes of Exposure	First Aid Instructions
Eye	Flush eyes with water, holding the eyelids apart. Get medical attention if irritation persists.
Skin	Wash skin with soap and water. Get medical attention if irritation persists.
Inhalation	If irritation develops, remove victim to fresh air. Get medical attention if symptoms persist.
Ingestion	Rinse out mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious or drowsy person. Get medical attention.
Most important symptoms of exposure	May cause mild eye irritation. Prolonged skin contact may cause mild irritation or defatting of the skin. Swallowing may cause nausea, vomiting or diarrhea.
Note to Physicians (Treatment, Testing, and Monitoring): Treat symptomatically. Immediate medical attention is not required.	

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:	Use water fog, carbon dioxide, foam or dry chemical.		
Fire Fighting Procedures:	Use water to cool exposed containers and structures and disperse flammable vapors.		
Specific Hazards Arising from the Chemical:	Product is not classified as flammable or combustible, but will burn under fire conditions.		
Precautions for Fire Fighters:	Firefighters should wear full emergency equipment and approved positive pressure self-containing breathing apparatus.		
Recommended Protective Equipment for Fire Fighters:			
EYES/FACE	HANDS	RESPIRATORY	THERMAL
			

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, PPE and Emergency Procedures: Wear appropriate protective clothing as described in Section 8. Avoid contact with skin, eyes or clothing.
Environmental Precautions: Do not allow spills to enter sewers or waterways. Report releases as required by local, state, and national authorities.
Methods and Materials for Containment and Clean-up: Wipe up or scoop up material and place into appropriate container for disposal.

Recommended Personal Protective Equipment for Containment and Clean-up:			
EYES/FACE	HANDS	RESPIRATORY	THERMAL

7. HANDLING AND STORAGE

Precautions for Safe Handling: Avoid eye contact. Avoid prolonged skin contact. Avoid breathing mists or fumes. Wear protective clothing and equipment as described in Section 8. Wash thoroughly after handling.

Empty containers retain product residues and can be hazardous. Follow all SDS precautions when handling empty containers.

Conditions for Safe Storage: Store in a dry, well ventilated area away from heat, direct sunlight and all sources of ignition.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits:

Petrolatum	United States	5 mg/m3 TWA (Inhalable) ACGIH TLV (As Mineral oil) 5 mg/m3 TWA OSHA PEL (As Oil mist, mineral)
	Germany	None Established
	United Kingdom	10 mg/m3 STEL UK-WEL (As Oil mist, mineral)
	European Union	Belgium: 5 mg/m3 TWA (As Oil mist, mineral)

Biological Exposure Limits: None established.

Appropriate Engineering Controls: Use with adequate general or local exhaust ventilation to minimize exposures levels.

Individual Protection Measures (PPE)

Specific Eye/face Protection: None needed for normal use conditions.

Specific Skin Protection: None needed for normal use conditions. For prolonged use, rubber gloves may be worn.

Specific Respiratory Protection: None needed for normal use.

Specific Thermal Hazards: None

Recommended Personal Protective Equipment

EYES/FACE	HANDS	RESPIRATORY	THERMAL

Environmental Exposure Controls: None required for normal use.

General Hygiene Considerations and Work Practices: Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling.

Protective Measures During Repair and Maintenance of Contaminated Equipment: Wear appropriate protective clothing and equipment.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White viscous liquid	Explosive limits:	LEL: 0.9% (paraffin) UEL: 7.0% (paraffin)
Odor:	Light petroleum odor	Vapor pressure:	0.9 mmHg
Odor threshold:	Not determined	Vapor density:	>1
pH:	Not determined	Relative density:	Not determined
Melting/freezing point:	140°F (60°C)	Solubility:	Negligible
Initial boiling point and range:	550°F (288°C)	Partition coefficient: n-octanol/water:	Not determined
Flash point:	390°F (199°C) COC	Auto-ignition temperature:	Not determined
Evaporation rate:	0.01 (n-butyl acetate = 1)	Decomposition temperature:	Not determined
Flammability:	Flammable under fire conditions.	Viscosity:	Not determined
Explosive Properties:	None	Oxidizing Properties:	None
% Volatile by Volume:	0.9%		

10. STABILITY AND REACTIVITY

Reactivity: None known.

Chemical Stability: Stable.

Possibility of Hazardous Reactions: None known

Conditions to Avoid: Extreme heat

Incompatible materials: Avoid oxidizing agents.

Hazardous Decomposition Products: Thermal decomposition may release carbon monoxide, carbon dioxide, and smoke.

11. TOXICOLOGICAL INFORMATION

Potential Health Effects:

Eyes: Direct contact may cause mild eye irritation

Skin: Prolonged or repeated contact may cause mild skin irritation or defatting of the skin.

Ingestion: Small amounts are not anticipated to cause adverse effects. Large quantities may cause a nausea, vomiting or diarrhea.

Inhalation: None anticipated under normal use conditions. Inhalation of mists or fumes may cause irritation upper respiratory tract. Symptoms include coughing, sneezing and difficulty in breathing.

Chronic Health Effects: None known.

Carcinogenicity: None of the components of this product are listed as carcinogens by OSHA, IARC, ACGIH, the EU Dangerous Substances Directive, or NTP.

Mutagenicity: No data available.

Medical Conditions Aggravated by Exposure: Individuals with pre-existing skin and respiratory disorders may be at increased risk from exposure.

Acute Toxicity Data:

Petrolatum: Skin rabbit LD50: 36,000 mg/kg

Reproductive Toxicity Data: No data available.

Specific Target Organ Toxicity (STOT):

Single Exposure: No data available

Repeated Exposure: No data available

12. ECOLOGICAL INFORMATION

Toxicity: No data available

Persistence and Degradability: No data available

Bio-accumulative Potential: No data available

Mobility in Soil: No data available

Other Adverse Effects: No data available

Results of PBT/vPvB Assessment: No data available

13. DISPOSAL CONSIDERATIONS

Regulations: Dispose in accordance with all national and local regulations.

Properties (Physical/Chemical) Affecting Disposal: None currently known.

Waste Treatment Recommendations: None known.

14. TRANSPORT INFORMATION

UN Number:	ADR/RID: None	IMDG: None	IATA: None	DOT: None
UN proper shipping name:	ADR/RID: Not Regulated IMDG: Not Regulated IATA: Not Regulated DOT: Not Regulated			
Transport hazard class(es):	ADR/RID: None	IMDG: None	IATA: None	DOT: None
Packaging group:	ADR/RID: None	IMDG: None	IATA: None	DOT: None
Environmental hazards:	ADR/RID: No	IMDG Marine pollutant: No	IATA: No	DOT: No
Special precautions for user: Not applicable				

15. REGULATORY INFORMATION

U.S. Federal Regulations

US OSHA Hazard Classification: Non-Hazardous.

Comprehensive Environmental Response and Liability Act of 1980 (CERCLA): This product is not subject to CERCLA reporting requirements, however, oil spills are reportable to the National Response Center under the Clean Water Act and many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

Toxic Substances Control Act (TSCA): All of the components of this product are listed on the TSCA inventory.

Clean Water Act (CWA): This material is not regulated under the Clean Water Act

Clean Air Act (CAA): This material is not regulated under the Clean Air Act

Superfund Amendments and Reauthorization Act (SARA) Title III Information:

SARA Section 311/312 (40 CFR 370) Hazard Categories:

Immediate Hazard:	No	Pressure Hazard:	No
Delayed Hazard:	No	Reactivity Hazard:	No
Fire Hazard:	No		

This product contains the following toxic chemical(s) subject to reporting requirements of SARA Section 313 (40 CFR 372): None

Components	C.A.S. #	WT %
None		

State Regulations

California: This product contains the following substances known to the state of California to cause cancer and/or reproductive toxicity:

Components	C.A.S. #	WT %
None		

International Regulations

Canadian Environmental Protection Act: All of the components in this product are listed on the Domestic Substances List (DSL).

Canadian Workplace Hazardous Materials Information System (WHMIS): Not a controlled product

This SDS has been prepared according to the criteria of the Controlled Products Regulation (CPR) and the SDS contains all of the information required by the CPR.

European Inventory of Existing Chemicals (EINECS): All of the components in this product are listed on the EINECS inventory.

EU REACH: All components requiring registration have been pre-registered.

Australian Inventory of Chemical Substances: All of the components in this product are listed on the AICS for Australia.

China Inventory of Existing Chemicals and Chemical Substances: All of the components in this product are listed on the IECSC for China.

Korean Existing Chemicals List: All of the components in this product are listed on the KECL for Korea.

Philippine Inventory of Chemicals and Chemical Substances: All of the components in this product are listed on the PICCS.

16. OTHER INFORMATION

HMIS Hazard Rating:

Health – 1 Flammability – 1 Reactivity – 0

Full text of Classification abbreviations used in Section 2 and 3:

None

Supersedes: 14 October 2009

Revision Summary: Change in format. Changes to all sections.

Data Sources: US NLM ChemID Plus and HSDB, Substance SDS for components, IUCLID Dataset EU Chemical Bureau, ESIS, Country websites for occupational exposure limits.