



# SAFETY DATA SHEET

## 1. Identification

**Product identifier**

**DENTURE ADHESIVE CREAM**

**Other means of identification**

Not available.

**Synonym(s)**

DENTURE FIXATIVE \* POLIDENT DENTURE ADHESIVE \* SUPER POLIGRIP ORIGINAL DENTURE ADHESIVE CREAM \* POLIGRIP/COREGA DENTURE ADHESIVE CREAM \* SUPER POLIGRIP LOW GANTREZ DENTURE ADHESIVE CREAM \* MFC 50937 \* MFC 50880 \* MFC 50885 \* MFC 50886 \* ULTRA POLIGRIP, DENTURE ADHESIVE CREAM \* ULTRA POLIGRIP DENTURE FIXATIVE \* FORMULA IB1544 \* POLIGRIP ULTRA FRESH, DENTURE ADHESIVE CREAM FIXATIVE \* POLIGRIP TOTAL CARE (UK) \* DENTURE ADHESIVE CREAM FIXATIVE \* FORMULA IB1649 \* COREGA FREE, DENTURE ADHESIVE CREAM \* FORMULA IB1688 \* COREGA FRESH, DENTURE ADHESIVE CREAM \* COREGA FRESH DENTURE FIXATIVE \* FORMULA IB1689 \* COREGA CREAM, DENTURE ADHESIVE CREAM \* COREGA CREAM DENTURE FIXATIVE \* FORMULA IB1690 \* POLIGRIP ULTRA FRESH, DENTURE ADHESIVE CREAM \* POLIGRIP ULTRA FRESH DENTURE FIXATIVE \* FORMULA IB1742 \* DENTURE ADHESIVE CREAM DENTURE FIXATIVE \* FORMULA IB1967 \* PROJECT DOUBLE \* DENTURE ADHESIVE FIXATIVE, FORMULATED PRODUCT

**Recommended use**

Cosmetic Product

This safety data sheet is written to provide health, safety and environmental information for people handling this formulated product in the workplace. It is not intended to provide information relevant to medicinal use of the product. In this instance patients should consult prescribing information/package insert/product label or consult their pharmacist or physician. For health and safety information for individual ingredients used during manufacturing, refer to the appropriate safety data sheet for each ingredient.

**Recommended restrictions**

No other uses are advised.

**Manufacturer/Importer/Supplier/Distributor information**

**Manufacturer**

GlaxoSmithKline US  
5 Moore Drive  
Research Triangle Park, NC 27709 USA  
US General Information (normal business hours): +1-888-825-5249  
Email Address: [msds@gsk.com](mailto:msds@gsk.com)  
Website: [www.gsk.com](http://www.gsk.com)  
EMERGENCY PHONE NUMBERS -  
TRANSPORT EMERGENCIES::  
US / International toll call +1 703 527 3887  
available 24 hrs/7 days; multi-language response

## 2. Hazard(s) identification

**Classified hazards**

Exempt from requirements - product regulated as a medicinal product, cosmetic product or medical device.

**Label elements**

Exempt from requirements - product regulated as a medicinal product, cosmetic product or medical device.

**Hazard(s) not otherwise classified (HNOC)**

Exempt from requirements - product regulated as a medicinal product, cosmetic product or medical device.

## 3. Composition/information on ingredients

**Mixtures**

Hazardous components Chemical name	Common name and synonyms	CAS number	%
PHARMACEUTICAL GRADE PETROLATUM	PETROLEUM JELLY VASELINE WHITE PETROLEUM JELLY WHITE PETROLEUM USP OHS18325 RTECS SE6780000 PETROLATO PETROLATO (PETROLIO) PETROLATOS PETROLATUM PRETOLATO PÉTROLATUM VASELIINI VASELIN VASELINA	8009-03-8	25.0 - 30.0
LIGHT MINERAL OIL	OHS12791 RTECS PY8047000	8042-47-5	15.0 - 30.0
SODIUM CARBOXYMETHYL CELLULOSE	CELLULOSE, CARBOXYMETHYL ETHER, SODIUM SALT CELLULOSE SODIUM GLYCOLATE SODIUM CELLULOSE GLYCOLATE SODIUM GLYCOLATE CELLULOSE CARBOXYMETHYLCELLULOSE SODIUM CARBOXYMETHYLCELLULOSE SODIUM SALT ALMELOSE CMC-NA CMC CARBOXYMETHYL CELLULOSE SODIUM CARBOXYMETHYLCELLULOSE AQUALON(R) CELLULOSE GUM AQUACIDE II OHS80080 RTECS FJ5950000 CELLULOSE CARBOXY METHYL ETHER, SODIUM SALT	9004-32-4	0 - 34.0
MALEIC ACID, POLYMER WITH METHYL VINYL ETHER	2-BUTENEDIOIC ACID (Z)-, POLYMER WITH METHOXYETHENE METHYL VINYL ETHER/MALEIC ACID COPOLYMER GANTREZ HY-H OHS62348	25153-40-6	0 - 30.0
METHYL VINYL ETHER-MALEIC ANHYDRIDE COPOLYMER	2,5-FURANDIONE, POLYMER WITH METHOXYETHENE MALEIC ANHYDRIDE, POLYMER WITH METHYL VINYL ETHER POLY(VINYL METHYL ETHER/MALEIC ANHYDRIDE) GAFTEX PT GANTREZ 119 GANTREZ 149 GANTREZ 169 PVM/MA COPOLYMER VISCOFAS OHS69586	9011-16-9	0 - 30.0
POLY(METHYLVINYLETHE R/MALEIC ACID) SODIUM-CALCIUM MIXED PARTIAL SALT	SODIUM, CALCIUM METHYL VINYL ETHER MALEIC ACID MIXED SALT FORMULA NO: M801886	62386-95-2	0 - 30.0

<b>Hazardous components</b>			
<b>Chemical name</b>	<b>Common name and synonyms</b>	<b>CAS number</b>	<b>%</b>
CARBOXYMETHYLCELLULOSE	CARBOXYMETHYLATED CELLULOSE PUL CARBOXYMETHYL CELLULOSE ETHER CELLULOSE CARBOXYMETHYLATE CELLULOSEGLYCOLIC ACID GLYCOLIC ACID CELLULOSE ETHER CELLULOSE, CARBOXYMETHYL ETHER CELLULOSE CARBOXYMETHYLATE ETHE CMC CARBOSE CM-CELLULOSE COLLORESINE THYLOSE CARBOXYMETHYL CELLULOSE OHS84039 RTECS FJ5700000	9000-11-7	0 - 24.0
OIL OF SPEARMINT	OILS, SPEARMINT CURLED MINT OIL SPEARMINT OIL	8008-79-5	0 - 1.0
Other components below reportable levels			0 - <7.0

\*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

#### 4. First-aid measures

<b>Inhalation</b>	Move to fresh air. Call a physician if symptoms develop or persist.
<b>Skin contact</b>	Wash off with soap and water. Get medical attention if irritation develops and persists.
<b>Eye contact</b>	Rinse with water. Get medical attention if irritation develops and persists.
<b>Ingestion</b>	Rinse mouth. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.
<b>Most important symptoms/effects, acute and delayed</b>	Direct contact with eyes may cause temporary irritation.
<b>Indication of immediate medical attention and special treatment needed</b>	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
<b>General information</b>	IF exposed or concerned: Get medical advice/attention. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

#### 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.
<b>Specific hazards arising from the chemical</b>	During fire, gases hazardous to health may be formed.
<b>Special protective equipment and precautions for firefighters</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Fire-fighting equipment/instructions</b>	In the event of fire, cool tanks with water spray. Cool containers exposed to heat with water spray and remove container, if no risk is involved.
<b>Specific methods</b>	Move containers from fire area if you can do so without risk.

#### 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate personal protective equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the MSDS.
<b>Methods and materials for containment and cleaning up</b>	Stop the flow of material, if this is without risk. Dike far ahead of spill for later disposal. Use water spray to reduce vapors or divert vapor cloud drift. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water.  Never return spills in original containers for re-use. For waste disposal, see section 13 of the MSDS.
<b>Environmental precautions</b>	Avoid discharge into drains, water courses or onto the ground.

## 7. Handling and storage

### Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid prolonged or repeated contact with skin. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

### Conditions for safe storage, including any incompatibilities

Store locked up. Keep away from heat and sources of ignition. Store in original tightly closed container. Store in a cool, dry place out of direct sunlight. Store away from incompatible materials (see Section 10 of the MSDS).

## 8. Exposure controls/personal protection

### Occupational exposure limits

#### GSK

Components	Type	Value	Note
CARBOXYMETHYLCELLULOSE (CAS 9000-11-7)	OHC	1	
POLY(METHYLVINYLETHYLENE/MALEIC ACID)	OHC	1	1000-5000 mcg/m3
SODIUM-CALCIUM MIXED PARTIAL SALT (CAS 62386-95-2)			
SODIUM CARBOXYMETHYL CELLULOSE (CAS 9004-32-4)	OHC	1	

#### US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value	Form
LIGHT MINERAL OIL (CAS 8042-47-5)	PEL	5 mg/m3	Mist.
PHARMACEUTICAL GRADE PETROLATUM (CAS 8009-03-8)	PEL	5 mg/m3	Mist.

#### US. ACGIH Threshold Limit Values

Components	Type	Value	Form
LIGHT MINERAL OIL (CAS 8042-47-5)	TWA	5 mg/m3	Inhalable fraction.
PHARMACEUTICAL GRADE PETROLATUM (CAS 8009-03-8)	TWA	5 mg/m3	Inhalable fraction.

#### US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value	Form
LIGHT MINERAL OIL (CAS 8042-47-5)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.
PHARMACEUTICAL GRADE PETROLATUM (CAS 8009-03-8)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.

### Biological limit values

No biological exposure limits noted for the ingredient(s).

### Appropriate engineering controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

### Individual protection measures, such as personal protective equipment

#### Eye/face protection

Chemical goggles are recommended.

#### Hand protection

Use personal protective equipment as required.

#### Other

Use personal protective equipment as required.

#### Respiratory protection

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

#### Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

### General hygiene considerations

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## 9. Physical and chemical properties

### Appearance

Physical state	Liquid.
Form	Cream.
Color	Not available.
Odor	Not available.
Odor threshold	Not available.
pH	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.

## 10. Stability and reactivity

Reactivity	Not available.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	Irritating and/or toxic fumes and gases may be emitted upon the products decomposition.

## 11. Toxicological information

### Information on likely routes of exposure

Ingestion	Expected to be a low ingestion hazard.
Inhalation	Prolonged inhalation may be harmful.
Skin contact	Not available.
Eye contact	Direct contact with eyes may cause temporary irritation.
Symptoms related to the physical, chemical and toxicological characteristics	Direct contact with eyes may cause temporary irritation.

### Information on toxicological effects

#### Acute toxicity

Components	Species	Test Results
CARBOXYMETHYLCELLULOSE (CAS 9000-11-7)		
<b>Acute</b>		
<i>Oral</i>		
LD	Rat	> 5 g/kg
LIGHT MINERAL OIL (CAS 8042-47-5)		
<b>Acute</b>		
<i>Oral</i>		
LD50	Rat	> 2000 mg/kg
OIL OF SPEARMINT (CAS 8008-79-5)		
<b>Acute</b>		
<i>Oral</i>		
LD50	Rat	> 5000 mg/kg
PHARMACEUTICAL GRADE PETROLATUM (CAS 8009-03-8)		
<b>Acute</b>		
<i>Oral</i>		
LD50	Rat	> 15 g/kg
<b>Chronic</b>		
<i>Oral</i>		
NOAEL	Rat	>= 3000, 2 years
POLY(METHYLVINYLETHER/MALEIC ACID) SODIUM-CALCIUM MIXED PARTIAL SALT (CAS 62386-95-2)		
<b>Acute</b>		
<i>Oral</i>		
LD50	Rat	> 5000 mg/kg/day, Read across from similar polymers

\* Estimates for product may be based on additional component data not shown.

**Skin corrosion/irritation** Prolonged skin contact may cause temporary irritation.

**Irritation Corrosion - Skin**

POLY(METHYLVINYLETHER/MALEIC ACID) SODIUM-CALCIUM MIXED PARTIAL SALT  
 Read across from similar polymers  
 Result: Non-irritant

**Serious eye damage/eye irritation** Direct contact with eyes may cause temporary irritation.

**Eye**

POLY(METHYLVINYLETHER/MALEIC ACID) SODIUM-CALCIUM MIXED PARTIAL SALT  
 Read across from similar polymers  
 Result: Minimal Irritant

**Respiratory sensitization** Not available.

**Skin sensitization** This product is not expected to cause skin sensitization.

**Maximisation assay (Magnusson and Kligman)**

CARBOXYMETHYLCELLULOSE Result:

**Germ cell mutagenicity** No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

POLY(METHYLVINYLETHER/MALEIC ACID) SODIUM-CALCIUM MIXED PARTIAL SALT  
 Read across from similar polymers  
 Result: Not considered to be genotoxic

**Carcinogenicity** This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

PHARMACEUTICAL GRADE PETROLATUM  
 >= 3000 mg/kg/day oral  
 Result: NOAEL  
 Species: Rat  
 dermal  
 Result: Negative  
 Species: Mouse

**IARC Monographs. Overall Evaluation of Carcinogenicity**

LIGHT MINERAL OIL (CAS 8042-47-5) 3 Not classifiable as to carcinogenicity to humans.

**Reproductive toxicity** This product is not expected to cause reproductive or developmental effects.

**Specific target organ toxicity - single exposure** Not classified.

**Specific target organ toxicity - repeated exposure** Not classified.

**Aspiration hazard** Not likely, due to the form of the product.

**Chronic effects** Prolonged inhalation may be harmful.

## 12. Ecological information

**Ecotoxicity** The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Components		Species	Test Results
<b>CARBOXYMETHYLCELLULOSE (CAS 9000-11-7)</b>			
<i>Acute</i>			
	IC50	Activated sludge	> 1000 mg/l, 3 hours
<b>Aquatic</b>			
<i>Acute</i>			
Crustacea	EC50	Water flea (Daphnia magna)	> 100 mg/l, 48 hours, Static test
	NOEC	Water flea (Daphnia magna)	100 mg/l, 48 hours, Static test
Fish	EC50	Rainbow trout (Adult Oncorhynchus mykiss)	> 20000 mg/l, 96 hours, Static test
<b>SODIUM CARBOXYMETHYL CELLULOSE (CAS 9004-32-4)</b>			
<i>Acute</i>			
	IC50	Activated sludge	> 1000 mg/l, 3 hours
<b>Aquatic</b>			
<i>Acute</i>			
Crustacea	EC50	Water flea (Daphnia magna)	> 100 mg/l, 48 hours, Static test
	NOEC	Water flea (Daphnia magna)	100 mg/l, 48 hours, Static test
Fish	EC50	Rainbow trout (Adult Oncorhynchus mykiss)	> 20000 mg/l, 96 hours, Static test

\* Estimates for product may be based on additional component data not shown.

**Persistence and degradability** No data is available on the degradability of this product.

### Photolysis

#### Half-life (Photolysis-atmospheric)

LIGHT MINERAL OIL < 1 Days Estimated

**Bioaccumulative potential** No data available.

**Mobility in soil** No data available.

**Other adverse effects** Not available.

## 13. Disposal considerations

**Disposal instructions** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

**Local disposal regulations** Dispose in accordance with all applicable regulations.

**Hazardous waste code** The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Waste from residues / unused products** Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

**Contaminated packaging** Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

## 14. Transport information

### DOT

Not regulated as a dangerous good.

### IATA

Not regulated as a dangerous good.

### IMDG

Not regulated as a dangerous good.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** MARPOL Annex II applies to liquids used in a ship's operation that pose a threat to the marine environment. These materials may not be transported in bulk.

## 15. Regulatory information

### US federal regulations

#### TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

#### CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

#### US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

#### SARA 304 Emergency release notification

Not regulated.

### Superfund Amendments and Reauthorization Act of 1986 (SARA)

<b>Hazard categories</b>	Immediate Hazard - No Delayed Hazard - No Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No
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<b>SARA 302 Extremely hazardous substance</b>	No
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<b>SARA 311/312 Hazardous chemical</b>	No
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<b>NFPA ratings</b>	Health: 1 Flammability: 1 Instability: 0
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<b>HMIS® ratings</b>	Health: 1 Flammability: 1 Physical hazard: 0
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### Other federal regulations

#### Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

#### Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

<b>Safe Drinking Water Act (SDWA)</b>	Not regulated.
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<b>Food and Drug Administration (FDA)</b>	Not regulated.
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### US state regulations

#### US. Massachusetts RTK - Substance List

LIGHT MINERAL OIL (CAS 8042-47-5)  
PHARMACEUTICAL GRADE PETROLATUM (CAS 8009-03-8)

#### US. New Jersey Worker and Community Right-to-Know Act

Not regulated.

#### US. Pennsylvania RTK - Hazardous Substances

LIGHT MINERAL OIL (CAS 8042-47-5)  
PHARMACEUTICAL GRADE PETROLATUM (CAS 8009-03-8)

#### US. Rhode Island RTK

Not regulated.

#### US. California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

### International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No



Country(s) or region	Inventory name	On inventory (yes/no)*
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	No

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

## 16. Other information, including date of preparation or last revision

<b>Issue date</b>	02-25-2014
<b>Revision date</b>	02-25-2014
<b>Version #</b>	04
<b>Further information</b>	HMIS® is a registered trade and service mark of the NPCA.
<b>HMIS® ratings</b>	Health: 1 Flammability: 1 Physical hazard: 0
<b>NFPA ratings</b>	Health: 1 Flammability: 1 Instability: 0
<b>References</b>	GSK Hazard Determination
<b>Disclaimer</b>	The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create any warranty, express or implied. It is the responsibility of the user to determine the applicability of this information and the suitability of the material or product for any particular purpose.
<b>Revision Information</b>	Product and Company Identification: Synonyms Composition / Information on Ingredients: Undisclosed Ingredient Statement