



® ULTRADENT PRODUCTS, INC.

MATERIAL SAFETY DATA SHEET

Controlled Product Yes ☐ No ☒

SECTION I - IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Material Name	Ultraprep™ III	Manufactured by	Ultradent Products, Inc. 505 West 10200 South South Jordan, Utah 84095 USA
Material Use	Silicone molded release—used for vacuum forming and other laboratory work.	Emergency Contact	1-800-552-5512 or 1-801-572-4200 (Outside USA)
Date	March 18, 1999	EC Representative	
Prepared by:	Steve Jensen, Chemist		

SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS

Active Ingredients	Approximate Concentration %	LD ₅₀ /LC ₅₀ Specify Species and Route	C.A.S. N.A. or U.N. Numbers
1,1 Difluoroethane	65%	—	75-37-6
Dimethyl Ether	30%	LD ₅₀ 1,500-2,500 mg/kg—Rat	115-10-6
Polydimethylsiloxane	<5%	LD ₅₀ 1,500-2,500 mg/kg—Rat	63148-62-9

SECTION III - HAZARDS IDENTIFICATION

Adverse Human Effects and Symptoms None.

SECTION IV - FIRST AID MEASURES

Inhalation	Immediately move to fresh air.	Eye Contact	Flush with plenty of cold water. Call a physician.
Skin Contact	Flush with water.	Ingestion	Ingestion is not considered a potential route of entry.

SECTION V - FIRE-FIGHTING MEASURES

Flammability Yes ☒ No ☐ If Yes, Under Which Conditions: Contents under pressure. Container may explode if heated above 125° F.

Means of Extinction	Foam, alcohol foam, CO ₂ , dry chemical, water fog	Protective Equipment for Firefighters	N/A
Personal & Environmental Precautions	Use protective eyewear and latex gloves when handling.	Handling Precautions	Handle with care.
Methods for Cleaning	Ventilate area and remove all open flame.	Storage Requirements	Store in cool, dry, and dark environment.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection	Allow proper ventilation.	Eye Protection	Safety glasses.
Hand Protection	Latex gloves.	Skin Protection	Lab coat.

SECTION IX - PHYSICAL & CHEMICAL PROPERTIES

Appearance	Colorless aerosol.	Solubility in Water	Negligible.	Melting Point/Range	N/A
Odor	Slight ethereal odor.	pH	N/A	Other Data	None.

SECTION X - STABILITY AND REACTIVITY

Chemical Stability	Conditions and Materials to Avoid	Hazardous Decomposition Products	CO ₂
Yes ☒ No ☐			

SECTION XI - TOXICOLOGICAL INFORMATION

Route of Entry	☒ Skin Contact ☒ Skin Absorption ☒ Eye Contact ☐ Inhalation Acute ☒ Inhalation Chronic ☐ Ingestion
Effects and Symptoms of Short-Term Exposure	Skin: Burning sensation. Eyes: Mild Irritant. Inhalation: High concentration of vapor is harmful.
Chronic Effects and Symptoms of Long-Term Exposure	Skin: May cause frostbite. Eyes: Blurring of vision. Inhalation: Light-headedness, narcosis, or cardiac arrhythmias.
Sensitization	N/A
Irritancy of Product	Slight.

SECTION XII - ECOLOGICAL INFORMATION

Biodegradability Not defined.

Further Details None.

SECTION XIII - DISPOSAL CONSIDERATIONS

Method of Waste Disposal In accordance with government regulations.

SECTION XIV - TRANSPORT INFORMATION

Not defined.

SECTION XV - REGULATORY INFORMATION

Not defined.

SECTION XVI - OTHER INFORMATION

FOR DENTAL USE ONLY. Use as directed.

The information and recommendations are taken from sources (raw material MSDS(s) and manufacturer's knowledge) believed to be accurate; however, Ultradent Products, Inc., makes no warranty with respect to the accuracy of the information or the suitability of the recommendation and assumes no liability to any user thereof. Each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.