



MATERIAL SAFETY DATA SHEET

SECTION 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name: Al-Cote® Separator
Product Number: 652500, 652502
MSDS Code Number: 152

Manufacturer: Dentsply Prosthetics
Address: 570 West College Ave.
York, PA 17405-0872
Information Telephone Number: 717-845-7511
Emergency Telephone Number: 800-424-9300 Chemtrec

Product Use: Used in the fabrication of dentures.

Date of Last Revision: September 29, 2006

SECTION 2 COMPOSITION INFORMATION ON INGREDIENTS

Ingredient	CAS No./EINECS No.	Percent	EC Substance Classification (67/548/EEC)
Non-hazardous Ingredients	Proprietary	1-5	Not Classified
Water	7732-18-5 / 231-791-2	95-100	Not Classified

See Section 16 for further information on EU Classification.

SECTION 3 HAZARDS IDENTIFICATION

Emergency Overview: May cause slight skin and eye irritation. Ingestion may cause gastrointestinal irritation.

EU Preparation Classification (1999/45/EC): Not classified as hazardous

SECTION 4 FIRST AID MEASURES

Eye Contact: Flush eyes with water, holding the eyelids apart. Get medical attention if irritation persists.

Skin Contact: Wash skin with soap and water. Get medical attention if irritation develops. Launder contaminated clothing before re-use.

Ingestion: If small quantities are swallowed, rinse out mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious or drowsy person. Get medical attention.

Inhalation: If irritation occurs, remove victim to fresh air. Get medical attention if irritation persists.

SECTION 5 FIRE FIGHTING PROCEDURES

Extinguishing Media: Use any media appropriate for the surrounding fire.

Firefighting Procedures: Do not enter fire area without proper protection. Fight fire from safe distance or protected location. Firefighters should wear full emergency equipment and NIOSH approved positive pressure self-contained breathing apparatus for all fires involving chemicals.

Unusual Fire/Explosion Hazards: None known.

Known or Anticipated Hazardous Products of Combustion: None expected.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Accidental Release Measures: Wear appropriate protective clothing as described in Section 8. Contain and absorb spills with inert material and transfer to a suitable container for disposal. Do not allow spills to be released into the environment.

Personal Precautions: Avoid contact with skin, eyes or clothing.

Environmental Precautions: Do not allow spills to enter sewers or waterways.

SECTION 7 HANDLING AND STORAGE

Handling: Avoid contact with eyes, skin, and clothing. Avoid breathing vapors or mist. Wash thoroughly after handling. Wear protective clothing and equipment as described in Section 8. Use with adequate ventilation.

Follow all MSDS precautions when handling empty containers.

Storage: Store in a cool, dry, well ventilated area. Keep container tightly closed when not in use. Protect from physical damage.

SECTION 8 EXPOSURE CONTROLE/PERSONAL PROTECTION

Occupational Exposure Limits:

Non-hazardous Ingredients	None Established
Water	None Established

Engineering Controls: No special ventilation normally required.

Personal Protective Equipment:

Eye Protection: Safety glasses or goggles if eye contact is possible.

Skin Protection: Wear rubber or nitrile gloves if needed to avoid skin contact.

Respiratory Protection: Not required under normal conditions.

Other Protective Clothing or Equipment: None required under normal conditions. Long sleeves and boots may be advisable when working with large quantities.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: Pink solution, slight odor.

Boiling Point: 212°F(100°C)

Freezing Point: Not established

Solubility in Water: Complete

Vapor Pressure (mmHg): Same as water

Evaporation Rate: Same as water

% Volatile by Volume: >95%

Flammable Limits in Air: LEL: Not applicable

UEL: Not applicable

Melting Point: Not established

Specific Gravity: 1.009

pH: Not applicable

Vapor Density: Same as water

Viscosity: Not applicable

Flashpoint: None

Autoignition Temperature: None

SECTION 10 STABILITY AND REACTIVITY

Stability: Stable.

Conditions to Avoid (stability): High temperatures.

Incompatibility with Other Materials: Strong oxidizing agents.

Hazardous Decomposition Products: None known.
Hazardous Polymerization: Will not occur.

SECTION 11 TOXICOLOGICAL INFORMATION

Potential Health Effects:

Eyes: Liquid can cause slight irritation (tears, blurred vision and redness).

Skin: May cause slight skin irritation.

Inhalation: Mists may cause slight respiratory tract irritation with coughing, and shortness of breath.

Ingestion: May cause gastrointestinal irritation.

Chronic Health Effects: None expected.

Carcinogenicity: None of the components of this product are listed as carcinogens by OSHA, IARC or NTP.

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

Toxicological Data:

Non-hazardous Ingredients: Oral LD50: >5 g/kg

SECTION 12 ECOLOGICAL INFORMATION

Not expected to present an environmental hazard.

SECTION 13 DISPOSAL CONSIDERATIONS

The product should be disposed of in accordance with Federal, State and local regulations.

SECTION 14 TRANSPORT INFORMATION

DOT Shipping Name: Not classified

DOT Hazard Class: Not classified

UN Number: Not applicable

DOT Labels Required (49CFR172.101): Not applicable

IATA Shipping Name: Not classified

IATA Hazard Class: Not classified

UN Number: Not applicable

IATA Hazard Labels Required: Not applicable

IMDG Shipping Name: Not classified

IMDG Class: Not applicable

UN Number: Not applicable

IMDG Label: Not applicable

SECTION 15 REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

CERCLA 103 Reportable Quantity: This product is not regulated under CERCLA. Report spills required under federal, state and local regulations.

SARA TITLE III:

Hazard Category For Section 311/312: Not hazardous

Section 313 Toxic Chemicals: This product contains the following chemicals subject to Annual Release Reporting Requirements Under SARA Title III, Section 313 (40 CFR 372): None

Section 302 Extremely Hazardous Substances (TPQ): None

EPA Toxic Substances Control Act (TSCA) Status: All of the components are listed on or excepted from TSCA.

U.S. STATE REGULATIONS

California Proposition 65: This product contains no substances known to the state of California to cause cancer and/or reproductive toxicity.

INTERNATIONAL REGULATIONS:

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

Canadian WHMIS Classification: Not a controlled product.

European Community Labeling: Not classified as hazardous.

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.

SECTION 16 OTHER INFORMATION

HMIS Hazard Rating:

Health – 1 Fire Hazard – 0 Reactivity – 0

Revision Date: 9/29/2006

Supersedes: 7/7/1997

EU Classes and Risk Phrases for Reference (See Sections 2 and 3):

None listed