



MATERIAL SAFETY DATA SHEET

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

Product Name: Faskut® Arbor Bands
Product Number: 99122 - 99125
MSDS Code Number: 388

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
Email: Prosthetics_MSDS@Dentsply.com

Product Use: Used in the fabrication of dentures.

Date of Last Revision: January 26, 2009

SECTION 2 HAZARDS IDENTIFICATION

Emergency Overview: Dust from grinding or polishing may cause eye and skin irritation. Contact with the product may cause mechanical skin irritation.

EU Preparation Classification (1999/45/EC): Not a dangerous preparation

SECTION 3 COMPOSITION INFORMATION ON INGREDIENTS

Ingredient	CAS No./EINECS No.	Percent	EC Substance Classification (67/548/EEC)
Silicone Carbide	409-21-2 / 206-991-8	<98%	Not Applicable
Aluminum Oxide	1344-28-1 / 215-691-6	<98%	Not Applicable
Titanium Dioxide	13463-67-7 / 236-675-5	<3%	Not Applicable

See Section 16 for further information on EU Classification.

SECTION 4 FIRST AID MEASURES

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

Skin Contact: Wash skin with soap and water. If rash or other symptoms occur, get medical attention.

Ingestion: If large amounts of dust are swallowed and symptoms occur, get medical attention.

Inhalation: None expected from normal use conditions. If irritation occurs from polishing or buffing, move victim to fresh air. Get medical attention if irritation persists.

SECTION 5 FIRE FIGHTING PROCEDURES

Extinguishing Media: Use water, carbon dioxide and dry chemical to extinguish fire.

Firefighting Procedures: Firefighters should wear full emergency equipment and approved positive pressure self-contained breathing apparatus for all fires involving chemicals.

Unusual Fire/Explosion Hazards: This product is not combustible.

Known or Anticipated Hazardous Products of Combustion: None known.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Accidental Release Measures: Pick up and place into a container for disposal. Vacuum or collect dust in a manner that does not generate airborne dust. Wash spill site with soap and water.

Personal Precautions: Avoid contact with eyes. Avoid inhalation of dust.

Environmental Precautions: None needed.

SECTION 7 HANDLING AND STORAGE

Handling: Avoid eye contact. Wash hands thoroughly after use. During polishing or buffing, use with adequate ventilation, avoid generating dust and use good housekeeping to prevent the accumulation of dust on surfaces.

Storage: Store in a cool, well ventilated area away from heat, sparks and flame.

SECTION 8 EXPOSURE CONTROL/PERSONAL PROTECTION

Occupational Exposure Limits:

Silicone Carbide	5 mg/m ³ (respirable fraction); 15 mg/m ³ (total dust) TWA PEL 10 mg/m ³ (inhalable); 3 mg/m ³ (respirable dust) TWA TLV 1.5 mg/m ³ (respirable fraction) TWA DFG MAK 10 mg/m ³ (inhalable); 4 mg/m ³ (respirable dust) TWA UK WEL
Aluminum Oxide	5 mg/m ³ (respirable fraction) TWA PEL 1 mg/m ³ (respirable fraction) (as aluminum metal) TWA TLV 4 mg/m ³ (inhalable dust) TWA DFG MAK 10 mg/m ³ (inhalable); 4 mg/m ³ (respirable dust) TWA UK WEL
Titanium Dioxide	15 mg/m ³ TWA PEL (total dust) 10 mg/m ³ TWA TLV 1.5 mg/m ³ (respirable dust) DFG MAK 10 mg/m ³ (inhalable); 4 mg/m ³ (respirable dust) TWA UK WEL

Engineering Controls: During buffing and polishing, use ventilation that is adequate to maintain exposure levels below the occupational exposure limits.

Personal Protective Equipment:

Eye Protection: Safety glasses or goggles recommended when polishing or grinding.

Skin Protection: Wear rubber gloves to avoid skin contact from polishing compound or polishing dust.

Respiratory Protection: None required under normal use conditions. If processing generates dust and ventilation is inadequate, use an approved particulate respirator. Respirator selection and use should be based on contaminant type, form and concentration. Follow applicable regulations or local authority regulations and good Industrial Hygiene practice.

Other Protective Clothing or Equipment: Wear clothing with long sleeves to avoid contact with dust generated during polishing or buffing.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: Abrasive coated ring

Boiling Point: Not applicable

Freezing Point: Not applicable

Solubility in Water: Insoluble

Vapor Pressure (mmHg): Not applicable

Evaporation Rate: Not applicable

% Volatile by Volume: Not applicable

Flammable Limits in Air: LEL: Not applicable
UEL: Not applicable

Melting Point: Not applicable

Specific Gravity: Not applicable

pH: Not applicable

Vapor Density: Not applicable

Viscosity: Not applicable

Flashpoint: Not applicable

Autoignition Temperature: Not applicable

SECTION 10 STABILITY AND REACTIVITY

Stability: Stable.

Conditions to Avoid (stability): None known.

Incompatibility with Other Materials: Avoid strong alkalis.

Hazardous Decomposition Products: Thermal decomposition may produce silicon and aluminum oxides.

Dust is generated during use. In most cases, the material removed from the base material will be significantly greater than the polishing components.

Hazardous Polymerization: Will not occur.

SECTION 11 TOXICOLOGICAL INFORMATION

Potential Health Effects:

Eyes: Direct contact with the tool may cause mechanical irritation. Dust generated during polishing or buffing may cause mechanical eye irritation.

Skin: Direct contact may cause mechanical irritation. Dust may cause abrasive irritation.

Inhalation: No adverse effects are expected from the abrasive tool as sold. Dust generated from polishing or buffing may cause mucous membrane and upper respiratory tract irritation with coughing and sneezing.

Ingestion: Ingestion of large amounts of dust may cause gastrointestinal irritation with nausea.

Chronic Health Effects: Prolonged inhalation of dusts from polishing and buffing may cause adverse effects on the lungs. Repeated skin contact with zirconium compounds may cause allergic skin sensitization.

Carcinogenicity: Titanium Dioxide is classified by IARC as possibly carcinogenic to humans (Group 2B). None of the other components are listed as carcinogens by IARC, ACGIH, NTP, OSHA or the EU Directive.

Mutagenicity: No data available.

Medical Conditions Aggravated by Exposure: None known.

Toxicological Data:

Silicone Carbide	No data available
Aluminum Oxide	No data available
Titanium Dioxide	No data available

SECTION 12 ECOLOGICAL INFORMATION

No data is currently available.

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 Regulated
DOT Hazard Class: N/A
UN Number: N/A
DOT Labels Required (49CFR172.101): N/A

IATA Shipping Name: Not Regulated
IATA Hazard Class: N/A
UN Number: N/A
IATA Hazard Labels Required: N/A

IMDG Shipping Name: Not Regulated
IMDG Class: N/A
UN Number: N/A
IMDG Label: N/A

SECTION 15 REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

CERCLA 103 Reportable Quantity: 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.

SARA TITLE III:

Hazard Category For Section 311/312: Chronic Health

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: This product is an article and is exempt from the TSCA regulations.

U.S. STATE REGULATIONS

California Proposition 65: This product contains the following substances known to the state of California to cause cancer and/or reproductive toxicity: None

INTERNATIONAL REGULATIONS:

Canadian WHMIS Classification: Manufactured article. Not a controlled product.

Canadian Environmental Protection Act: This product is a manufactured article and not subject to chemical notification requirements.

European Community Labeling: Not a dangerous preparation.

European Inventory of New and Existing Chemicals Substances (EINECS): This product is a manufactured article and not subject to chemical notification requirements.

Australian Inventory of Chemical Substances: This product is a manufactured article and not subject to chemical notification requirements.

China Inventory of Existing Chemicals and Chemical Substances: This product is a manufactured article and not subject to chemical notification requirements.

Japanese Existing and New Chemical Substances: This product is a manufactured article and not subject to chemical notification requirements.

Korean Existing Chemicals List: This product is a manufactured article and not subject to chemical notification requirements.

Philippine Inventory of Chemicals and Chemical Substances: This product is a manufactured article and not subject to chemical notification requirements.

SECTION 16 OTHER INFORMATION

HMS Hazard Rating:

Health – 1 Fire Hazard – 0 Reactivity – 0

Revision Date: 01/26/2009

Supersedes: New MSDS