

SAFETY DATA SHEETS

This SDS packet was issued with item:

071806199

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

071806405 071806538

The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).

071806082 071806090 071806165 071806413 071806421 071806439 071806447 071806546 071806553 071806561
071806579 071806744

Dentsply Caulk

Manufacturer MSDS Number: 578899NFPA

1

0

0

Patterson Dental Supply Product Code:

71809631,71809581,71809532,71806835,71806744,71806736,71806678,71806660,71806652,71806595,71806587,71806579,71806561,71806553,71806546,71806538,71806462,71806454,71806447,71806439,71806421,71806413,71806405,71806371,71806363,71806355,71806264,71806199,71806165,71806090,71806082,71806074

SECTION 1 : Chemical Product and Company Identification

MSDS Name: Aquasil All Package Configurations

Manufacturer Name:Dentsply Caulk

Department: Dentsply Caulk

Address:

38 West Clarke Avenue

Milford DE 19963-0359

Business Phone:(302) 422-4511

For information in North America, call: (302) 422-4511

For emergencies in the US, call CHEMTREC: 800-424-9300

Hours Of Operation: (8:00 AM û 4:30 PM Eastern Time)

Manufacturer MSDS Revision Date:

1/7/00

Supersedes: 8/4/99

Trade Names:

AQUASIL MONOPHASE, AQUASIL RIGID, AQUASIL XLV, AQUASIL PUTTY, AQUASIL LV AQUASIL DECA TM Monophase, AQUASIL DECA TM Heavy Smart Wetting«

Impression Material

NFPA

Health: 0

Flammability: 1

Reactivity: 0

Other: N.A.

Product Codes:

678000 - 678999 All Package Configurations

SECTION 2 : Hazardous Ingredients/Identity Information

Chemical Name

Silica as dust (Amorphous)

OSHA PEL TWA: 1.2 mg/m3

ACGIH TLV TWA: 10 mg/m3

Chemical Name

Silica as dust (Crystalline)

OSHA PEL TWA: 0.05 mg/m3
ACGIH TLV TWA: 0.05 mg/m3
Chemical Name
Silica fume (as Dust)
OSHA PEL TWA: 2 mg/m3
ACGIH TLV TWA: 2 mg/m3
Chemical Name
Vinyl dimethyl terminated polydimethylsiloxane
OSHA PEL TWA: Not Established
ACGIH TLV TWA: Not Established
Chemical Name
Phenolic Surfactant
OSHA PEL TWA: Not Established
ACGIH TLV TWA: Not Established
Chemical Name
Organic Plasticizer
OSHA PEL TWA: Not Established
ACGIH TLV TWA: Not Established
Chemical Name
Polymethylhydrogen siloxane (In Base Only)
OSHA PEL TWA: Not Established
ACGIH TLV TWA: Not Established
Chemical Name
Organic Platinum Complex (In Catalyst Only)
OSHA PEL TWA: Not Established
ACGIH TLV TWA: Not Established

SECTION 3 : Physical And Chemical Characteristics

Physical State/Appearance:

Pastes
Color:
Various colored
Odor:
Faint sweet odor
Vapor Pressure:
Not Applicable
Vapor Density:
Not Applicable
Boiling Point:
> 200 deg C
Melting Point:
Not Established.
Solubility:
In Water: Not Soluble
Specific Gravity:
Varies from 1.0 g/cm3 to 1.5 g/cm3 depending upon viscosity.
Evaporation Point:
< 1
FlashPoint:
> 415 deg F
Upper Flammable Explosive Limit:
Not Established
Lower Flammable Explosive Limit:
Not Established

SECTION 4 : Fire And Explosion Hazards

Flash Point:

> 415 deg F

Flash Point Method:

Pensky Martin CC ASTM 093

Upper Flammable or Explosive Limit: Not Established

Lower Flammable or Explosive Limit: Not Established

Extinguishing Media:

Sand, foam, carbon dioxide, or dry chemical.

Fire Fighting Instructions:

Fire fighter should wear full protective clothing including a self-contained breathing apparatus.

Unusual Fire Hazards:

During a fire, irritating gasses from the decomposition of the silicone resins may be present.

SECTION 5 : Health Hazards

Applies to All Ingredients:

Route of Exposure:

Inhalation: No

Skin: Yes

Ingestion: Yes

Potential Health Effects:

(Acute and chronic): Contact with eyes and skin may cause irritation. In susceptible persons, skin reactions may occur. This is short term and should go away after washing with soap and water.

Carcinogenicity:

All components of this product are in compliance with the inventory listing requirements of the U. S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

NTP Designation: Not listed

IARC Designation: Not listed

Signs/Symptoms:

Product may irritate the eyes and skin.

Eye contact: irritation and possible corneal damage.

Skin contact: irritation or possible allergic response. Reddish rashes may be seen on the skin.

Ingestion: Low order of toxicity is expected when large amounts of material are ingested. Acute toxicology study in rats LD50 > 2,000mg/kg.

Aggravation of Pre-Existing Conditions:

Possible skin rashes.

SECTION 6 : Emergency And First Aid Procedures

Eye Contact:

In case of eye contact, flush with flowing water for 15 minutes and get medical attention.

Skin Contact:

Flush with flowing water for 15 minutes, then wash area with mild soap and water. Call physician.

SECTION 7 : Reactivity Data

Chemical Stability:

Stable

Conditions to Avoid:

(Stability): Heat greater than 60 deg C (140 deg F)

Incompatibilities with Other Materials:

Condensation silicones, tin and sulfur, amines and peroxides.

Hazardous Polymerization:

Will not occur

Conditions to avoid (polymerization): Extreme heat.

Hazardous Decomposition Products:

Not Established

SECTION 8 : Precautions For Safe Handling

Spill Cleanup Measures:

Spread vermiculite on paste to absorb any resin. Scoop up and place in an appropriately marked container.

Other Precautions:

Observe normal warehouse handling procedures.

Storage:

Store away from food and beverages. Store away from extreme heat.

Hygiene Practices:

Observe normal care when working with chemicals.

Waste Disposal:

Dispose of in accordance with Federal, State and Local regulations.

SECTION 9 : Control Measures

Ventilation System:

Local exhaust recommended.

Hand Protection Description:

Protective gloves: Vinyl gloves. Latex or Rubber gloves may inhibit set.

Eye/Face Protection:

Protective goggles.

Protective Clothing/Body Protection:

Apron.

Respiratory Protection:

None required during normal use of this product.

Work/Hygienic practices: Observe normal care when working with chemicals.

SECTION 10 : Other Information

Applies to all ingredients:

TSCA 8(b): Inventory Status

All components of this product are in compliance with the inventory

listing requirements of the U. S. Toxic Substances Control Act (TSCA)
Chemical Substance Inventory.

NFPA:

Fire Hazard: 1

Health: 0

Reactivity: 0

Specific Hazard: Not Applicable

MSDS Revision Date:

1/7/00

Supersedes: 8/4/99

Abbreviations

NFPA - National Fire Protection Association

N.A. - Not Applicable

N.E. - Not Established

578899 (R-1-7-00)