# DENTSPLY Milford Safety Data Sheet

1. Product and Company Identification

Product Name	SDS Code Number
Aquasil <sup>®</sup>	578617
Substance Identity	Date of Last Revision
Aquasil, Aquasil Ultra, Aquasil Ultra Xtra, Smart Wetting® Impression Material, Aquasil	05/09/16
Ultra Cordless Tissue Managing Impression Material, Aquasil Ultimate - Tissue	
Managing Impression Material, Aquasil Ultra + Smart Wetting Impression Material	
Manufacturer:	Address
DENTSPLY Milford	38 West Clarke Avenue
	Milford DE 19963-1805
	http://www.dentsply.com
Grades or Minor Variant Identities	Information Telephone
AQUASIL MONOPHASE, AQUASIL RIGID, AQUASIL LV, AQUASIL Easy Mix PUTTY - Smart Wetting®	Number: (302) 422-4511
Impression Material, AQUASIL ULTRA MONOPHASE, AQUASIL ULTRA RIGID, AQUASIL ULTRA XLV, AQUASIL ULTRA LV, AQUASIL ULTRA HEAVY – Smart Wetting® Impression Material, Super Fast Set, Fast Setting	(8:00 AM – 4:30 PM
and Regular Setting – Including AQUASIL ULTRA DECA™ Smart Wetting® Impression Material for Dynamic Mixing	Eastern Time)
Machines and digit® Targeted Delivery Systems. AQUASIL ULTRA Xtra – Wash, Tray and DECA Tray. Aquasil Ultra	
Cordless Tissue Managing Wash Impression Material and Aquasil Ultra Cordless Tissue Managing Tray Impression	
Material, Aquasil Ultimate Cordless Tissue Managing Wash Impression Material, Aquasil Ultra Cordless Tissue Managing Tray Impression Material, Aquasil Ultra + Smart Wetting Impression Material Fast and Regular Setting - all viscosities.	
Product Use (for Canada)	Emergency Telephone
Dental Impression Material	Number: (302) 422-4511
Donar Impression Muterial	(8:00 AM – 4:30 PM
	Eastern Time)

## 2. Hazard(s) Identification



# WASH HANDS THOROUGHLY AFTER HANDLING WEAR PROTECTIVE GLOVES

IF ON SKIN: WASH WITH PLENTY OF SOAP AND WATER.
IF SKIN IRRITATION OCCURS: GET MEDICAL ADVICE / ATTENTION
TAKE OFF CONTAMINATED CLOTHING AND WASH BEFORE REUSE

3. Composition/Information on Ingredients

	0		
Hazardous Components	C.A.S. Number	Exposure Limits	%
Silicon Dioxide -Crystalline	14464-46-1	$0.05 \text{ mg/m}^3$	< than 30
Silicon Dioxide - Amorphous	68855-54-9	$1.20 \text{ mg/m}^3$	< than 30
Hydrophobic Amorphous Fumed Silica	68909-20-6	$10 \text{ mg/m}^3$	< than 10
Titanium Dioxide	13463-67-7	$10 \text{ mg/m}^3$	< than 10

<u>Colorant Information</u>: The base pastes may contain fluorescent organic dyes and/or ultramarine pigments and/or inorganic iron oxides. The base pastes may also contain a red pigment known as a Red 2B Toner or a Calcium salt of a beta oxynaphthoate. The Chemical structure of all Ultramarine pigments, regardless of color, is Sodium Aluminosulfosilicate.

<u>Odorant Information:</u> This product contains Peppermint oil which may cause irritation to skin or mucosa or other allergic responses in susceptible persons.

#### 4. First Aid Measures

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Routes of	First Aid Instructions	Immediate	Delayed Effects			
Exposure		Medical Attention				
Eye	Rinse opened eye for several minutes under running water. If	Not Applicable	Not Applicable			
	symptoms persist consult physician					
Skin	Immediately wash with soap and water and rinse thoroughly	Not Applicable	Not Applicable			
Inhalation	Supply fresh air, consult physician if symptoms persist	Not Applicable	Not Applicable			
Ingestion	If symptoms persist consult physician	Not Applicable	Low order of toxicity is expected when large			

			amounts of material are ingested. Acute toxicology study in rats LD <sub>50</sub> >2,000mg/kg.
Other	Not Applicable	Not Applicable	Not Applicable
Note to Physici	ans (Treating, Testing and Monitoring): Treat symptomatically		

5. Fire Fighting Measures

Flame Propagation or Burning Rate	Properties Contributing to Fire Intensity:	Flammability Classification: Not Applicable	Other: Not Applicable	
(for Solids): Not Applicable	Not Applicable			
Extinguishing Media: CO2, extinguish	ing powder, foam carbon dioxide or water	Extinguishing Media to Avoid: Water with full jo	et.	
spray. Fight larger fires with water spray or alcohol resistant foam.				
Protection and Procedures for Firefighters: Firefighters should wear self-contained respiratory protective devices.				
Unusual Fire and Explosion Hazards: No dangerous decomposition products known Product does not present an explosion hazard.				

## 6. Accidental Release Measures

Containment Techniques: Material is a paste and as such will not flow.				
Spill/Leak Clean-up Procedures and Equipment: Wear protective clothing and scoop up bulk material and place in a labeled plastic or metal container.				
Avoid gross skin contact to minimize the possibility of contact dermatitis to susceptible persons. Ensure adequate ventilation.				
Evacuation Procedures: Not Applicable Special Instructions: Not Applicable Reporting Requirements: Not Applicable				

#### 7. Handling and Storage

Handling Practices and Warnings: Product is intended for dental use only. Handling of this product should be by trained dental healthcare professionals only. Observe normal care for working with chemicals.

Storage Practices and Warnings: Store only in the original package. Keep package tightly sealed. Store in a dry area. Protect from exposure to direct light. Store away from food and beverages.

## 8. Exposure Control / Personal Protection









Individual Protection	Personal Protective Equipment for Normal Use	Personal Protective Equipment for
Measures		Emergencies
Eye/Face	Safety Glasses	Not Applicable
Skin	The glove material has to be impermeable and resistant to the product.	Not Applicable
Inhalation	Not Required	Not Applicable
Body Protection Protective work clothing		Not Applicable
Occupational Exposure Lim	its: Not Applicable	Engineering Controls: Not Applicable

## 9. Physical and Chemical Characteristics

Appearance: Various colored pastes, may be high viscosity	Odor: Peppermint odor.	
Normal Physical State: Material is available in several visco	Melting Point: Not Applicable	
(Paste) to a more runny material.		
Specific Gravity: Varies from 1.1 g/cm <sup>3</sup> to 1.5 g/cm <sup>3</sup>	Solubility in Water: Not soluble	pH: Not Applicable
Vapor Pressure (mm Hg): Not Applicable	Vapor Density (AIR=1): Not Applicable	Evaporation Rate (Butyl Acetate =1): N A
Flashpoint Method: Not Applicable Flammable (Explosive) Limits in Air		Autoignition Temperature: Not Applicable,
	LEL: Not Applicable UEL: Not Applicable	Product will not autoignite.
Other: Not Applicable		

# 10. Stability and Reactivity Data

Incompatibility (Materials to Avoid): Strong oxidizing materials.				
Hazardous Products Produced During Decomposition: No dangerous decomposition products known if used according to Directions for Use.				
Hazardous Polymerization: May Occur May Not Occur Conditions to Avoid: None known				
Stability? Stable ☐ Unstable Conditions to Avoid: None known				

## 11.Toxicological Information

Toxicity Data, Epidemiology Studies, Carcinogenicity, Neurological Effects, Genetic Effects, Reproductive Effects, or Structure Activity Data: Product may irritate the skin and mucous membranes. The unpolymerized product may cause irritation to the skin in susceptible persons. On the eye the product has an irritating effect. Sensitization: No sensitizing effects known.

Emergency Ov	erview: Material may be mildly	irritating to eyes.			
Routes of		Single, Repeated, or	Severity (Mild,	Acute and Chronic Health Effect(s)	
Exposure	Signs and Symptoms	Lifetime Exposure	Moderate, Severe)		Target Organ(s)
Eye	Material can cause irritation.	Single	Moderate	Irritation and possible corneal damage	Not Applicable
Skin	Material may be an irritant	Single & Repeated	Moderate	Irritation or possible allergic response.	Not Applicable
Inhalation	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Ingestion	Material is probably not	Not Applicable	Mild	Low order of toxicity is expected when	Not Applicable
	harmful if swallowed			large amounts of material are ingested.	
				Acute toxicology study in rats LD <sub>50</sub>	

				>2,000mg/kg.	
Other	Not Applicable				
Medical Conditions Aggravated by Exposure Open sores and wounds of the skin.					
Carcinogenicity NTP?: Not listed IARC monographs?: Not listed OSHA regulated?: No 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.					
Potential Environmental Effects Do not allow to enter sewers/ surface or ground water.					
NFPA Hazard Classification Ratings (Scale 0-4), Health = 0, Fire = 1, Reactivity = 0					

## 12. Ecological Information

Toxicity Data, Environmental Fate, Physical/Chemical Data, or other Data Supporting Environmental Hazard Statements: Water Hazard class1 (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water streams or sewage system.

#### 13.Disposal Considerations

Regulations: Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Dispose of material as solid waste in a closed container. Dispose of in accordance with Federal, State and Local regulations

Properties (Physical/Chemical) Affecting Disposal: Dispose of material as solid waste in a closed container.

## **14.Transport Information**

Regulated for Shipping: No. Not Regulated	DOT Shipping Name: Not Regulated	Packing Group: Not Applicable
Do Changes in Quantities, packaging, or shipment	DOT Hazard Class: Not Applicable	UN Number: Not Applicable
method change product classification? No		

## **15.Regulatory Information**

This product has been classified in accordance with the hazard criteria of the Globally Harmonized System of Classification and Labeling of Chemicals and the SDS contains all of the information required by the Canadian Controlled Products Regulations.

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

<u>Section 313 Toxic Chemicals</u>: 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 of this product are listed on the TSCA inventory.

<u>U.S. State Regulations California Proposition 65:</u> This product does not contain any chemicals, which are on the California Proposition 65 list.

<u>International Regulations: Canadian Environmental Protection Act:</u>

This product is a medical device 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 medical device and not subject to chemical notification requirements.

Other: Not Applicable

#### **16.Other Information**

To the best of our knowledge this product does not contain gluten, wheat grains, flaxseed, natural rubber, or natural latex. All components are synthetically produced; none are derived from animal products.

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific products features and shall not establish a legally valid contractual relationship.

The attached safety data sheet covers the dangers and measures to be taken when large quantities of material are released, for example due to accidents during transport or storage by the dealer. For quantities of material typically used in clinical practice, information necessary for safe use and storage of the product is given in the DFU.