

MATERIAL SAFETY DATA SHEET						
SECTION 1 Identification of the Substance/Preparation and of the Company						
1.1	Product Trade Name	AQ Bond Plus Sponge Activators				
1.2	Exporter: Name	Sun Medical Co., Ltd.				
	Address	571-2 Furutaka-cho, Moriyama, Shiga, 524-0044, Japan				
	Telephone	81-77-582-9981				
	Facsimile	81-77-582-9984				
	e-mail	export@sunmedical.co.jp				
SECTION 2 Composition / Information on Ingredients						
		CAS No.	UN No.	Percent	Symbol	R-Phrase
	Preparation	----	----	----	----	----
	Ingredients	CAS No.	UN No.	Percent	Symbol	R-Phrase
	polyurethane foam	9011-14-7	----	approx. 80 %	---	----
	sodium p-toluenesulfinate (p-TSNa)	824-79-3	----	approx. 10 %	---	----
	Common name: aromatic amine	Trade secret	----	approx. 10 %	---	----
SECTION 3 Hazards Identification						
3.1	Emergency overview	Combustible solid.				
3.2	Potential health effects					
	Eye	May cause irritation and possible corneal injury.				
	Skin	May cause irritation, redness.				
	Ingestion	May cause irritation of the digestive tract.				
	Inhalation	No hazard in ordinary use.				
	Effects of Long-term or Repeated Exposure	Not known.				
SECTION 4 First-Aid Measures						
4.1	Eye	Immediately flush with flowing water for at least 15 minutes. Get medical attention.				
4.2	Skin	Flush with soap and plenty of water. Get medical attention if irritation develops or persists.				
4.3	Ingestion	Promptly drink several glasses of water or milk to dilute. Get medical attention.				
4.4	Inhalation	No specific treatment is necessary by inhalation of a small amount. If exposed to excessive levels of dusts, remove to fresh air and get medical attention if cough or other symptoms develop. If breathing is difficult, give oxygen and get medical attention.				
SECTION 5 Fire-Fighting Measures						
5.0	Flammable properties	Combustible.				
5.1	Flash point	>250°C	5.2 Autoignition temp.	Not known.		
5.3	Flammable limit	Not known.	5.4 Suitable extinguishing media	For small fires, use dry chemical, carbon dioxide, water spray or alcohol-resistant foam. For Large fires, use water spray, fog, or alcohol-resistant foam.		
5.5	Hazardous decomposition products	Toxic gasses such as carbon monoxide, oxides of nitrogen, hydrogen cyanide, acrylonitrile, acetaldehyde or sulfur oxide may be released in a fire.	5.6 Special protective equipment	During emergency conditions, over-exposure to thermal decomposition products may cause health hazard. Self-contained breathing apparatus should be worn.		

SECTION 6 Accidental Release Measures			
6.1 Personal precaution	For skin protection wear impervious protective gloves. For eye protection use safety goggle.		
6.2 Environmental precautions	Not known.		
6.3 Methods for cleaning-up	In case material is released or spilled, sweep up and place spill in a chemical waste container. Flush spill area with water.		
SECTION 7 Handling and Storage			
7.1 Handling	Observe normal warehouse handling procedures. Protect against physical damages. Use in a ventilated place. Wash hands thoroughly after handling.		
7.2 Storage	Keep tightly closed. Store in a cool, dry and dark place, preferably in a refrigerator. Store away from direct sunlight. Keep away from sources of ignition.		
SECTION 8 Exposure Controls / Personal Protection			
8.1 Engineering measures			
Ventilation	General and/or local ventilation should be sufficient.		
Other protective equipment	Eye wash station near work area.		
8.2 Personal protection			
Respiratory protection	None required during ordinary use of this product.		
Hand protection	Use impervious protective gloves to prevent skin contact.		
Eye protection	Use safety glasses.		
Skin protection	Use impervious protective gloves to prevent skin contact.		
Exposure guideline	Not known.		
SECTION 9 Physical and Chemical Properties			
9.1 Appearance	Colored sponge-like solid.	9.2 Odor	None.
9.3 pH	Not applicable.	9.4 Vapor density	Not applicable.
9.5 Boiling point	Not known.	9.6 Solubility in water	Not known.
9.7 Specific gravity	Not known.		
SECTION 10 Stability and Reactivity			
10.1 Stability	Hygroscopic.		
10.2 Conditions to avoid	High temperature (above 30°C), high humidity, direct sunlight and ignition sources.		
10.3 Incompatibility (materials to avoid)	Strong oxidizing agents.		
10.4 Hazardous decomposition products	The gases listed in 5.5 above may form when heated to decomposition.		
10.5 Hazardous polymerization	Will not occur.		
SECTION 11 Toxicological Information			
11.1 Health hazards (immediate, delayed, acute, chronic)	Contact with eyes and skin may cause irritation.		
11.2 Toxicity	(p-TSNa):	LD ₅₀ (Oral / rat): 3,200 mg/kg	
11.3 Mutagenicity	Not known		
11.4 Carcinogenicity	(NTP) No,	(IARC) No (Group 3: polyurethane)	

SECTION 12 Ecological Information	
12.1 General	This material is not expected to be significantly hazardous to the environment.
12.2 Mobility	Not known.
12.3 Degradability	Not known.
12.4 Accumulation	Not known.
12.5 Ecotoxicity	Not known.
12.6 Other adverse effects	Not known.
SECTION 13 Disposable Considerations	
13.1 Danger in disposal	Should be handled as hazardous waste.
13.2 Disposal method	Incinerate in accordance with all applicable environmental control regulations, or landfill in an industrial landfill which has approval to receive such wastes.
SECTION 14 Transport Information	
14.1 Precautions for transport	----- Observe normal care for transportation of sophisticated health care materials. Cover from rain, direct sunlight, heat and contaminating materials.
14.2 UN	-----
14.3 IMDG	-----
14.4 ICAO/IATA	-----
SECTION 15 Regulatory Information	
15.1 RTECS	(p-TSNa) XT47250
15.2 EU Classification	-----
SECTION 16 Other Information	
16.1	Prepared / Revised in April 2007 by Sun Medical Co., Ltd.
16.2	This Product is for dental professional use only.
16.3	The information above is believed to be accurate. However, Sun Medical Co., Ltd. makes NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Users must take their own investigations to determine the suitability of the information and the Product for their particular purposes.