

COMPANY INFORMATION

COMPANY NAME: ORTHO SPECIALTIES
COMPANY ADDRESS: 3820 OHIO AVE - SUITE 15
 ST. CHARLES, IL 60174
COMPANY PHONE: 630-443-0225
COMPANY FAX: 630-443-0224
COMPANY WEB ADDRESS: www.orthospecialties.com

**PORC-ETCH
(PORCELAIN ETCHANT)**

DOCUMENT NUMBER:	SDS53
REVISION DATE:	09/26/2014
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1 – IDENTIFICATION OF SUBSTANCE/PREPARATION

PRODUCT NAME: PORC-ETCH (PORCELAIN ETCHANT)

2 – COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	Concentration Range (%)	CAS Number	Symbol/Risk Classification	OSHA-PEL (mg/m3)	ACGIH-TLV (mg/m3)	LD50 (mg/kg., rat/oral)
Hydrofluoric Acid	4	7664-39-3	T,C,R23/24/25-34	3ppm	3ppm	N/D

3 – HAZARDS IDENTIFICATION

Toxic and Corrosive. Toxic by inhalation, in contact with skin and if swallowed. Causes Burns.

4 – FIRST-AID MEASURES

INHALATION: Provide fresh air and rest.
SKIN CONTACT: Wash with soap and water.
EYE CONTACT: Flush with running water for at least 15 minutes while keeping eye lids open; seek medical attention immediately.
INGESTION: Drink two glasses of water or milk. Seek medical attention if a substantial amount has been ingested.

5 – FIRE-FIGHTING MEASURES

FIRE-FIGHTING MEDIA: Dry chemical powder, foam or carbon dioxide.
FIRE AND EXPLOSION RISKS: Upon heating, irritating or toxic gases may form.

6 – ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Prevent skin/eye contact, Provide ventilation.
ENVIRONMENTAL PRECAUTIONS: Avoid ground water contamination.
METHODS FOR CLEANING UP: Wipe with damp paper towel. Discard properly.

7 – HANDLING AND STORAGE

Store in ventilated, cool, dry place (<25C; 77F); This product is used exclusively for dental purposes by trained personnel.

8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye Protection: Use protective eyewear.
Hand Protection: Use protective gloves.
Respiratory Protection: Avoid breathing of vapors.
Skin Protection: Use any necessary hygiene measures.

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9 – PHYSICAL / CHEMICAL PROPERTIES

Appearance:	Gel	Vapor Pressure @ 20C/68F:	N/A
Color:	Orange	Miscibility:	N/A
Odor:	Odorless	Vapor Density:	N/A
Solubility (H2O, fat):	Miscible	pH:	2
Boiling Point / Range:	>100 C (212F)	Evaporation Rate:	N/A
Melting Point / Range:	< 0 C (32F)	Viscosity:	N/A
Flash Point:	N/A	Partition Coefficient:	N/A
Conductivity:	N/A	Auto flammability:	N/A
Explosive Properties:	N/A	Flammability:	Non Flammable
Oxidizing Properties:	N/A	Relative Density:	>1

10 – STABILITY AND REACTIVITY

Avoid high temperatures; Do not store in metal or glass containers.

11 – TOXICOLOGICAL INFORMATION

Eye Contact: Causes Burns.
 Skin Contact: Causes burns with delayed tissue destruction, if not removed promptly.
 Sensitization: None known.
 Other: Harmful if inhaled

12 – ECOLOGICAL INFORMATION

N/A

13 – DISPOSAL CONSIDERATIONS

Refer to any Community provisions relating to waste. In their absence, refer to National or Regional provisions relating to waste.

14 – TRANSPORT INFORMATION

No special precautions.

15 – REGULATORY INFORMATION

Classification: T Toxic, C Corrosive, R23/24/25 Toxic by inhalation, in contact with skin and if swallowed. R34 Causes burns
 Safety: Refer to any applicable National laws.

16 – OTHER INFORMATION

NOTE: This information is believed to be correct as of the date of this MSDS. The manufacturer makes no representation as to the completeness or accuracy of this information and supplies it on the condition that the person receiving it will make their own determination as to its suitability for their purposes prior to use. In no event will the manufacturer be responsible for damages of any nature whatsoever resulting from the use of or reliance upon the information contained herein.