



Safety Data Sheet

04-15-0004 V4.80

Copyright,2016, IOS Company.

All rights reserved. Copying and/or downloading of this information for the purpose of properly utilizing IOS products is allowed provided that:

- 1- the information is copied in full with no changes unless prior written agreement is obtained from IOS
- 2- neither the copy nor the original is resold or otherwise distributed with the intention of earning a profit thereon.

Issue Date: 10-15-2016

Version Data 4.80

Product Description

Radio-Opaque Separators

REF Numbers

15-611-102, 15-611-103

Restrictions to use:

For use only by dental professionals.

Manufacturer : International Orthodontic Services
Address : 12811 Capricorn St. Stafford, TX 77477 USA
Phone No, : 1888-IOS-8882 (1888-461-8882)
Emergency Phone No, : +1 832 342 9487

DISCLAIMER: The information in this Safety Data Sheet (SDS) is believed to be correct as of the date issued. IOS MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE. User is responsible for determining whether the IOS product is fit for a particular purpose and suitable for user's method of use or application. Given the variety of factors that can affect the use and application of a IOS product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the IOS product to determine whether it is fit for a particular purpose and suitable for user's method of use or application.

Hazards Identification

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

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 |

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.

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.

Accidental Release Measure

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.

Handling and Storage

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

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.

Physical and 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 |

Reactivity and Stability

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

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 |

Ecological Information

N/A

Disposal Considerations

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

Transport Information

No special precautions

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. |

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