

SAFETY DATA SHEET



Date Issued : 9/12/2011
 MSDS No : 262-001.3
 Date-Revised : 7/29/2013
 Revision No : 2

iris® White to Clear Fluoride Varnish - Mint

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME: iris White to Clear Fluoride Varnish - Mint

PRODUCT DESCRIPTION: Fluoride Containing Enamel and Dentin Varnish

PRODUCT CODE/ PART #: IY/ 71122,IZ/71123,2L/1001176,2M/1001177

Supplier:

Benco Dental
 295 CenterPoint Blvd.
 Pittston, PA 18640

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC (NORTH AMERICA) :(800) 424 - 9300
 Benco Dental: (800) 462-3626

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS	EINECS	Classification	Wt.%
Ethyl Alcohol	64-17-5	200-578-6	F; R22, R36/37/38	25 - 30
Sodium Fluoride	007681-49-4	231-667-8	T, Xi; R25, R32, R36/38	4.5 - 5.5
Hydrogenated rosin	65997-06-0	266-041-3	Xi; R36/37/38, R43	< 30
Synthetic Resin	68990-02-3	273-574-5	Xi; R36/37/38	< 30
Hexadecane Phosphate	N/A	N/A	C; R34	5
Methyl ester of hydrogenated rosin	8050-15-5	232-476--6	Xn; R52/53, R20	5

(Full text of R-Phrases can be found under heading 16)

3. HAZARDS IDENTIFICATION

HAZARD DESIGNATION

"F" - Highly flammable

"Xn" - Harmful

R22: Harmful if swallowed.

POTENTIAL HEALTH EFFECTS

EYES: Irritating to eyes.

SKIN: May cause skin irritation.

INGESTION: May be harmful if swallowed in large quantities.

INHALATION: None expected for this product.

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

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SKIN: Wash with soap and water. Get medical attention if irritation develops or persists.

INGESTION: No specific hazards are encountered under normal product use.

INHALATION: No specific treatment is necessary since this material is not likely to be hazardous by inhalation. If exposed to excessive levels of dusts or fumes, remove to fresh air and get medical attention if cough or other symptoms develop.

5. FIRE FIGHTING MEASURES

FIRE FIGHTING PROCEDURES: General: Evacuate all personnel; use protective equipment for fire-fighting. Use self-contained breathing apparatus when the product is involved in fire.

FIRE FIGHTING EQUIPMENT: Foam, dry chemical, carbon dioxide (CO₂).

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Wipe up small amounts with chemical resistant or damp rag which is washed with large amounts of water after each use. After cleaning, flush away traces with water.

LARGE SPILL: Remove all sources of ignition. Ventillate area of leak or spill. Pick up spill for recovery or disposal and place into sealed containers.

7. HANDLING AND STORAGE

HANDLING: Keep away from heat, sparks and flame.

STORAGE: Room Temperature

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear eye protection

SKIN: S36/37: Wear suitable protective clothing and gloves.

RESPIRATORY: Good general ventilation should be sufficient to control airborne levels.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Viscous substance

ODOR: Mint or Fruity

COLOR: White

10. STABILITY AND REACTIVITY

STABLE: Yes

HAZARDOUS POLYMERIZATION: No

CONDITIONS TO AVOID: Strong acids, strong bases, and oxidizing agents.

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS: Irritating to eyes.

SKIN EFFECTS: May cause skin irritation.

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12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Biodegradable

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in compliance with governmental regulation. (EC 1975L0442-20/11/2003)

14. TRANSPORT INFORMATION

ROAD AND RAIL (ADR/RID)

PROPER SHIPPING NAME: Alcohols, n.o.s. (Ethyl alcohol mixture)

UN NUMBER: 1987

PACKING GROUP: III

AIR (ICAO/IATA)

SHIPPING NAME: Alcohols, n.o.s. (Ethyl alcohol mixture)

UN/NA NUMBER: 1987

PACKING GROUP: III

VESSEL (IMO/IMDG)

SHIPPING NAME: Alcohols, n.o.s. (Ethyl alcohol mixture)

UN/NA NUMBER: 1987

PACKING GROUP: III

15. REGULATORY INFORMATION

EUROPEAN COMMUNITY**EEC LABEL SYMBOL AND CLASSIFICATION**

"F" - Highly flammable
 S15: Keep away from heat.



"Xn" - Harmful
 R22: Harmful if swallowed.

16. OTHER INFORMATION

RELEVANT R-PHRASES: R22: Harmful if swallowed.
 R36/37/38: Irritating to eyes, respiratory system and skin.
 R25: Toxic if swallowed.
 R32: Contact with acids liberates very toxic gas.
 R36/38: Irritating to eyes and skin.
 R43: May cause sensitization by skin contact.
 R34: Causes burns.

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R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R20: Harmful by inhalation.

PREPARED BY: Anu Kattoju

REVISION SUMMARY: This MSDS replaces the 3/28/2013 MSDS. Revised: **Section 1:** PRODUCT CODE/ PART #. **Section 2:** POTENTIAL HEALTH EFFECTS (INGESTION). **Section 4:** INGESTION. **Section 9:** ODOR. **Section 11:** EYE EFFECTS. **Section 14:** AIR (ICAO/IATA) (PRIMARY HAZARD CLASS/DIVISION, PACKING GROUP, UN/NA NUMBER), DOT (DEPARTMENT OF TRANSPORTATION) (PRIMARY HAZARD CLASS/DIVISION, UN/NA NUMBER, PACKING GROUP), PACKING GROUP, PRIMARY HAZARD CLASS/DIVISION, UN/NA NUMBER, ROAD AND RAIL (ADR/RID), ROAD AND RAIL (ADR/RID) (UN NUMBER, PACKING GROUP), SHIPPING NAME, VESSEL (IMO/IMDG) (PRIMARY HAZARD CLASS/DIVISION, PACKING GROUP, UN/NA NUMBER).

MANUFACTURER DISCLAIMER: FOR DENTAL USE ONLY: Use as directed. The information and recommendations are taken from sources (raw material MSDS(s) and manufacturer's knowledge) believed to be accurate; however, the manufacturer makes no warranty with respect to the accuracy of the information or the suitability of the recommendation and assumes no liability to any user thereof. Each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.