



**SAFETY DATA SHEET**

(Revision: 9/27/2018)

Regulation (EC) No 1907/2006, US OSHA Hazcom 2012 (29CFR1910.1200), Canada WHMIS 2015

**Section 1 Identification of the Substance/Preparation and of the Company/Undertaking.**

**1.1 Product Identifier:**

**Product Type:** Articulating Impregnated Paper

**Trade Names:** Ardent Articulating Paper

**1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against:**

**Product Use:** Used to mark biting surfaces on teeth.

**Uses Advised Against:** For professional use only.

**1.3 Details of the Supplier of the Substance or Mixture:**

**Manufacturer:**

Whip Mix Corporation  
361 Farmington Avenue  
Louisville, Kentucky, USA 40209  
Emergency Telephone Number: (502) 634-1451  
Fax Number: (502) 634-4512

**Importer/  
Distributor**

Ivoclar Vivadent Pty Ltd  
1-5 Overseas Drive Noble Park North VIC 3174  
+61 3 9795 9599  
info@ivoclarvivadent.com

**1.4 Emergency Telephone Number:**

Emergency telephone number: 13 11 26 Poisons Hotline (24 hours / 7 days)

Other Product Information: [www.whipmix.com](http://www.whipmix.com)

**Section 2 Hazard Identification.**

**2.1 Classification of the Mixture:**

**CLP/GHS Classification (1272/2008):**

Health Hazards	Physical Hazards	Environmental Hazards
Not Hazardous	Not Hazardous	Not Hazardous

**2.2 Label Elements:**

None required

**2.3 Other Hazards:** None

**Section 3 Composition/Information on Ingredients.**

**3.1 Substance:**

<u>Substance</u>	<u>CAS No. / EC Number</u>	<u>%</u>	<u>CLP/GHS Classification (1272/2008)</u>
Paper or Film impregnated with vegetable oil based inks	Mixture	100%	Not hazardous

See Section 16 for full text of GHS Classifications.

**Section 4 First-Aid Measures.**

**4.1 Description of First Aid Measures:**

**Inhalation:** No adverse effects expected.

**Eyes:** Flush eyes with large quantities of water, holding the eyelids apart. If irritation persists consult a physician.  
**Skin:** No first aid is required. Wash skin with soap and water. If irritation develops, get medical attention.  
**Ingestion:** No adverse effects expected. If large amounts are swallowed or if irritation or discomfort occurs, get medical attention.

**4.2 Most Important symptoms and effects, both acute and delayed:** Direct eye contact with paper may cause mild eye irritation.

**4.3 Indication of any immediate medical attention and special treatment needed:** Immediate medical attention is not required.

#### Section 5 Fire-Fighting Measures.

**5.1 Extinguishing Media:** Use media appropriate for the surrounding fire.

**5.2 Special Hazards Arising from the Substance or Mixture:** This product may burn or smother producing carbon and nitrogen oxides.

**5.3 Advice for Fire-Fighters:** Firefighters should wear full emergency equipment and approved positive pressure self-contained breathing apparatus. Cool fire exposed containers with water.

#### Section 6 Accidental Release Measures.

**6.1 Personal Precautions, Protective Equipment and Emergency Procedures:** Wear appropriate protective equipment.

**6.2 Environmental Precautions:** Report releases as required by local and national authorities.

**6.3 Methods and Material for Containment and Cleaning Up:** Pick up and place into a container for disposal.

**6.4 Reference to Other Sections:** Refer to Section 8 for personal protective equipment and Section 13 for disposal information.

#### Section 7 Handling and Storage.

**7.1 Precautions for Safe Handling:** Avoid contact with eyes. Wash thoroughly after handling.

**7.2 Conditions for Safe Storage, Including any Incompatibilities:** Store as directed on package insert.

**7.3 Specific end use(s):**

**Industrial uses:** None identified

**Professional uses:** Used to mark biting surfaces on teeth.

#### Section 8 Exposure Controls/Personal Protection

##### 8.1 Control Parameters:

Paper or Film impregnated with vegetable oil based inks	None Established
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##### 8.2 Exposure Controls:

**Recommended Monitoring Procedures:** None.

**Appropriate engineering controls:** Use adequate general or local exhaust ventilation to minimize exposures levels.

##### Personal Protective Measures

**Respiratory protection:** None required.

**Skin protection:** None required. Wash hands thoroughly after handling.

**Eye protection:** Wear safety glasses if contact is possible. In Europe follow EN 166.

**Other:** Wear impervious clothing as needed to avoid contamination of personal clothing. In Europe follow EN 13034.

#### Section 9 Physical and Chemical Properties.

##### 9.1 Information on basic Physical and Chemical Properties:

**Appearance:** Waxy coated paper or film.

**Odor:** No odor

**Odor threshold:** Not applicable  
**Melting point/freezing point:** Not applicable  
**Flash point:** >300°F (148.9°C)  
**Flammability (solid, gas):** Not applicable  
**Flammable limits: LEL:** Not applicable  
**Vapor pressure:** Not applicable  
**Relative density:** Not applicable  
**Partition coefficient: n-octanol/water:** Not available  
**Decomposition temperature:** Not available  
**Explosive Properties:** Not applicable

**pH:** Not applicable  
**Boiling point:** Not applicable  
**Evaporation rate:** Not applicable  
**UEL:** Not applicable  
**Vapor density (air = 1):** Not applicable  
**Solubility In Water:** Insoluble  
**Auto-ignition temperature:** Not applicable  
**Viscosity:** Not applicable  
**Oxidizing Properties:** Not applicable

**9.2 Other Information:** None available

## Section 10 Stability and Reactivity.

- 10.1 Reactivity:** Not reactive.  
**10.2 Chemical stability:** Stable under normal storage and handling conditions.  
**10.3 Possibility of hazardous reactions:** Not expected to be reactive.  
**10.4 Conditions to avoid:** Keep away from ignition sources.  
**10.5 Incompatible materials:** Avoid oxidizing agents.  
**10.6 Hazardous decomposition products:** Thermal decomposition may produce carbon and nitrogen oxides.

## Section 11 Toxicological Information.

### 11.1 Information on Toxicological Effects:

#### Potential Health Effects:

**Eyes:** Direct contact may cause mild eye irritation with redness and tearing.

**Skin:** No adverse effects expected.

**Ingestion:** Swallowing large amounts may cause gastric upset and nausea. .

**Inhalation:** No adverse effects are expected.

**Chronic Health Effects:** None known.

#### Acute Toxicity Data:

Product: No toxicity data available. Not expected to be acutely toxic.

**Skin corrosion/irritation:** This product not expected to cause skin corrosion or irritation.

**Eye damage/ irritation:** This product is not expected to cause eye irritation or eye damage.

**Respiratory Irritation:** This product is not expected to cause respiratory irritation.

**Respiratory Sensitization:** This product is not expected to cause respiratory sensitization.

**Skin Sensitization:** This product is not expected to cause skin sensitization.

**Germ Cell Mutagenicity:** Not expected to cause mutagenic activity.

**Carcinogenicity:** None of the components of this product are listed as carcinogens by OSHA, IARC, NTP, and the EU CLP.

**Reproductive Toxicity:** No data available.

#### Specific Target Organ Toxicity:

Single Exposure: No data available.

Repeat Exposure: No data available.

**Aspiration Hazard:** This product is not classified as an aspiration hazard. None of the components of this product are aspiration hazards.

## Section 12. Ecological Data.

### 12.1 Ecotoxicity:

Product: No data available.

**12.2 Persistence and degradability:** No data available.

12.3 **Bioaccumulative potential:** No data available  
 12.4 **Mobility in soil:** No data available  
 12.5 **Results of PBT and vPvB assessment:** Not required.  
 12.6 **Other adverse effects:** Not required.

**Section 13. Disposal Considerations.**

13.1 **Waste Treatment Methods:** Dispose in accordance with all national and local regulations.

**Section 14. Transport Information.**

	14.1 UN Number	14.2 UN Proper Shipping Name	14.3 Hazard Class(s)	14.4 Packing Group	14.5 Environmental Hazards
US DOT		Not Regulated			
Canadian TDG		Not Regulated			
EU ADR/RID		Not Regulated			
IMDG		Not Regulated			
IATA/ICAO		Not Regulated			

14.6 **Special precautions for User:** Not applicable

14.7 **Transport in Bulk According to Annex III MARPOL 73/78 and the IBC Code):** Not applicable – product is transported only in packaged form.

**Section 15 Regulatory Information.**

**15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture.**

**US Regulations**

**SARA Section 313 (40 CFR 372):** This product contains the following toxic chemical(s) subject to reporting requirements of SARA 313: None

**SARA Section 311/312 (40 CFR 370) Hazard Categories:** See OSHA Hazard Classification in Section 2.

**Comprehensive Environmental Response and Liability Act of 1980 (CERCLA):** 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.

**United States Toxic Substances Control Act (TSCA):** This product is a manufactured article and not subject to chemical notification requirements.

**Canadian Regulations**

**Canadian Environmental Protection Act:** This product is a manufactured article and not subject to chemical notification requirements.

**International Chemical Inventories:**

**Australian Inventory of Chemical Substances:** This product is a manufactured article and not subject to chemical notification requirements.

**China Inventory of Existing Chemicals and Chemical Substances:** This product is a manufactured article and not subject to chemical notification requirements.

**European Inventory of New and Existing Chemicals Substances (EINECS):** This product is a manufactured article and not subject to chemical notification requirements.

**Japanese Existing and New Chemical Substances:** This product is a manufactured article and not subject to chemical notification requirements.

**Korean Existing Chemicals List:** This product is a manufactured article and not subject to chemical notification requirements.

**Philippine Inventory of Chemicals and Chemical Substances:** This product is a manufactured article and not subject to chemical notification requirements.

**15.2 Chemical safety assessment:** None required.

**16. Other Information.**

HMIS Rating: Health 1 Flammability 1 Physical Hazard 0  
*Hazard: 4-Severe; 3-Serious; 2-Moderate; 1-Slight; 0-Minimum*

**SDS Revision History:** Updated SDS format and all sections.  
**Date of last revision:** New SDS

CLP/GHS Classification and H Phrases for Reference (See Section 3)  
None

This SDS conforms to Regulation (EU) No. 1907/2006 and 2015/830, US OSHA Hazcom 2012 (29 CFR1910.1200) and Canada WHMIS 2015.

This product has been classified in accordance with the applicable mixture rules.

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Date: September 27, 2018	Date: