



## 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

##### EU Importer:

Whip Mix Europe GmbH  
Wißstrasse 26 – 28  
D – 44137 Dortmund  
Germany  
+49 (0) 231 / 567 70 8-0

#### 1.4 Emergency Telephone Number:

**Transportation Emergencies:** *CHEMTREC 1(800) 424-9300 (U.S. and Canada)*  
*International Calls: 1- 703-527-3887 (Collect calls accepted)*

**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: