

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

076320188

**The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).**

071091800 071146547 071146554 071146562 071146604 071146612 071146638 071146687 071146711 071146745  
071146752 071146760 071146778 071146786 071146794 071642859 076320113 076320121 076320139 076320147  
076320170 076320204 271211457 273013640 273015182 273016251 273044391



# MATERIAL SAFETY DATA SHEET

(Revision: 07/01/2014)

## 1. Identification of the Substance/Preparation and of the Company/Undertaking.

- Product Type: Articulating Impregnated Paper
  - Trade Name:
  
  - Company: **Whip Mix Corporation**  
**361 Farmington Ave.**  
**Louisville, Kentucky, USA 40217**  
**Emergency Telephone Number: (502)-637-1451**  
**Fax Number: (502) 634-4512**
- Transportation** *CHEMTREC 1(800) 424-9300 (U.S. and Canada)*  
**Emergencies:** *International Calls: 1- 703-527-3887 (Collect calls accepted)*

## 2. Composition/Information on Ingredients.

<u>Substance</u>	<u>CAS Number</u>	<u>Concentration, %</u>
Vegetable Oil/Peanut Oil	8002-03-7	Proprietary

## 3. Hazard Identification.

- Polyethylene sheet with blue, red & red/blue coloring (mild odor) impregnated or coated.
- No unusual hazards expected from normal use.

## 4. First-Aid Measures.

- Skin Contact: Skin discoloration may occur, wash off with soap and water.
- Ingestion – not known, but if ingested – seek medical attention.
- Manufactured materials listed as non-toxic.

## 5. Fire-Fighting Measures.

- Flash Point: 300°F and above
- Extinguishing Media: Water, water fog, foam, CO<sub>2</sub>, dry chemicals
- Special Fire Fighting Procedures: No special procedures
- Fire & Explosion Hazard: No unusual hazards.

## 6. Accidental Release Measures.

- Clean up excess material & place in container for disposal, treat as office waste.

## 7. Handling and Storage.

- Store in cool dry areas avoid sparks, flame and excessive heat.

## 8. Exposure Controls/Personal Protection.

- General room ventilation plus local exhaust at points of emission to reduce exposure to vapors during processing.
- No personal protective equipment required for normal use.

## 9. Physical and Chemical Properties.

- Paper, no distinct odor.

## 10. Stability and Reactivity.

- Chemical Stability: Stable
- Hazardous Polymerization: Will not occur
- Reacts with: None Known

## 11. Toxicological Information. No data available

## 12. Ecological Data. No data available

## 13. Disposal Considerations.

- Dispose of all waste material in accordance with all applicable federal, state and local regulations.

## 14. Transport Information.

- DOT Information: No regulated.

**15. Regulatory Information.**

- International: Canada: All components are either listed on or exempt from Canadian (DSL).
- Federal (USA): All components are either listed on or exempt from TSCA.

Prepared By: Donna Ringo, CIH

Translated By:

Date: 7/1/2014

Date:



**SAFETY DATA SHEET**  
**Regulation (EC) No 1907/2006 (REACH)**

(Revision: 4/21/2015)

**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**

<b>Manufacturer:</b>	<b>EU Importer</b>
<b>Whip Mix Corporation</b>	<b>Whip Mix Europe GmbH</b>
<b>361 Farmington Avenue</b>	<b>Wißstrasse 26 – 28</b>
<b>Louisville, Kentucky, USA 40209</b>	<b>D – 44137 Dortmund</b>
<b>Emergency Telephone Number: (502) 634-1451</b>	<b>Germany</b>
<b>Fax Number: (502) 634-4512</b>	<b>+49 (0) 231 / 567 70 8-0</b>

**1.4 Emergency Telephone Number: 1-502-637-1451**

**Transportation Emergencies:** *CHEMTREC 1(800) 424-9300 (U.S. and Canada)*  
*International Calls: 1- 703-527-3887 (Collect calls accepted)*  
**Other Product Information:** [jwaters@whipmix.com](mailto:jwaters@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

**EU Classification (67/548/EEC):** Not dangerous

**2.2 Label Elements**  
None required

**2.3 Other Hazards:** None

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

<b><u>Substance</u></b>	<b><u>CAS No. / EC Number</u></b>	<b><u>%</u></b>	<b><u>EU Classification (67/548/EEC)</u></b>	<b><u>CLP/GHS Classification (1272/2008)</u></b>
Paper or Film impregnated with vegetable oil based inks	Mixture	100%	Not dangerous	Not hazardous

See Section 16 for full text of GHS and EU 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 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:** If 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.

**Other:** Protective clothing as required to avoid prolonged skin contact.

## 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.

**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 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.

## 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:** Not hazardous

**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.

**International Chemical Inventories:**

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

**Canadian Environmental Protection Act:** 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.

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

**16. Other Information.**

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

EU Classes and Risk Phrases for Reference (See Sections 2 and 3)

None

CLP/GHS Classification and H Phrases for Reference (See Section 3)

None

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Date: April 21, 2015	Date: