

## **SAFETY DATA SHEETS**

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

070830067

**The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).**

070830026 070830034 070830042 070830059 070830075

**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).**

070829978 070829986

# SAFETY DATA SHEET

(Revision: 4/21/2015)

Patterson Impregnated Articulating Paper

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

### 1.1 Product Identifier

**Product Type:** Patterson Impregnated Articulating Paper

**Trade Names:** 070829978, 070829986, 070830026, 070830042, 070830059, 070830067, 070830075

### 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:**

Patterson Companies, Inc.

1031 Mendota Heights Rd.

St. Paul, MN 55120

Main: 800.328.5536

Fax: 651.686.9331

### 1.4 Emergency Telephone Number: 1-800-424-9300

**Transportation Emergencies:** CHEMTREC 1(800) 424-9300 (U.S. and Canada)

International Calls: 1- 703-527-3887 (Collect calls accepted)

**Other Product Information:** www.pattersoncompanies.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.

<u>Substance</u>	<u>CAS No. / EC Number</u>	<u>%</u>	<u>EU Classification (67/548/EEC)</u>	<u>CLP/GHS Classification (1272/2008)</u>
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
---	------------------

### 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

Prepared By: <i>Denise A. Deeds</i>	Translated By:
Date: April 21, 2015	Date:



## Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 11.20.2017

Page 1 of 8

### Patterson Impregnated Articulating Paper

#### SECTION 1: Identification

##### Product identifier

**Product name:** Patterson Impregnated Articulating Paper

**Product code:** 070829978, 070829986, 070830026, 070830042, 070830059, 070830067, 070830075

##### Recommended use of the product and restriction on use

**Relevant identified uses:** Used to mark biting surfaces on teeth.

**Uses advised against:** Not determined or not applicable.

**Reasons why uses advised against:** For professional use only.

##### Manufacturer or supplier details

**Manufacturer:**

**Supplier**

Patterson Companies, Inc.  
1031 Mendota Heights Road  
St. Paul, MN 55120  
1-800-328-5536 Fax:1-651-686-9331

##### Emergency telephone number:

**United States**

**CHEMTREC**

Within USA and Canada: 1-800-424-9300 (CHEMTREC, 24 hours)

Outside USA and Canada: +1-703-527-3887 (CHEMTREC, 24 hours)

#### SECTION 2: Hazard(s) identification

**GHS classification:** Not a hazardous substance or mixture

##### Label elements

**Hazard pictograms:** None

**Signal word:** None

**Hazard statements:** None

**Precautionary statements:** None

**Hazards not otherwise classified:** None

#### SECTION 3: Composition/information on ingredients

Identification	Name	Weight %
CAS number: Mixture	Paper or Film impregnated with vegetable oil based inks	100

**Additional Information:** None

## Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 11.20.2017

Page 2 of 8

### Patterson Impregnated Articulating Paper

#### SECTION 4: First aid measures

##### Description of first aid measures

###### General notes:

Not determined or not applicable.

###### After inhalation:

Loosen clothing as necessary and position individual in a comfortable position

Maintain an unobstructed airway

Get medical advice/attention if you feel unwell

###### After skin contact:

Rinse affected area with soap and water

If symptoms develop or persist, seek medical attention

###### After eye contact:

Rinse/flush exposed eye(s) gently using water for 15-20 minutes

If symptoms develop or persist, seek medical attention

###### After swallowing:

Rinse mouth thoroughly

Seek medical attention if irritation, discomfort, or vomiting persists

##### Most important symptoms and effects, both acute and delayed

###### Acute symptoms and effects:

Not determined or not applicable.

###### Delayed symptoms and effects:

Not determined or not applicable.

##### Immediate medical attention and special treatment

###### Specific treatment:

Not determined or not applicable.

###### Notes for the doctor:

Not determined or not applicable.

#### SECTION 5: Firefighting measures

##### Extinguishing media

###### Suitable extinguishing media:

Use appropriate fire suppression agents for adjacent combustible materials or sources of ignition

###### Unsuitable extinguishing media:

Not determined or not applicable.

##### Specific hazards during fire-fighting:

Thermal decomposition can lead to release of irritating gases and vapors

##### Special protective equipment for firefighters:

Use typical firefighting equipment, self-contained breathing apparatus, special tightly sealed suit

##### Special precautions:

Carbon monoxide and carbon dioxide may form upon combustion

Heating causes a rise in pressure, risk of bursting and combustion

#### SECTION 6: Accidental release measures

##### Personal precautions, protective equipment and emergency procedures:

Ensure adequate ventilation



## Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 11.20.2017

Page 3 of 8

### Patterson Impregnated Articulating Paper

Ensure air handling systems are operational  
Wear protective eye wear, gloves and clothing

#### Environmental precautions:

Should not be released into the environment  
Prevent from reaching drains, sewer or waterway

#### Methods and material for containment and cleaning up:

Wear protective eye wear, gloves and clothing  
Sweep or scoop up solid material while minimizing dust generation  
Dispose of contents / container in accordance with local regulations

#### Reference to other sections:

Not determined or not applicable.

### SECTION 7: Handling and storage

#### Precautions for safe handling:

Use only with adequate ventilation.  
Avoid breathing dust.  
Do not eat, drink, smoke or use personal products when handling chemical substances.

#### Conditions for safe storage, including any incompatibilities:

Keep container tightly sealed.  
Keep container dry.  
Store in a cool, well-ventilated area.

### SECTION 8: Exposure controls/personal protection

Only those substances with limit values have been included below.

#### Occupational Exposure limit values:

No occupational exposure limits noted for the ingredient(s).

#### Biological limit values:

No biological exposure limits noted for the ingredient(s).

#### Information on monitoring procedures:

Monitoring of the concentration of substances in the breathing zone of workers or in the general workplace may be required to confirm compliance with an OEL and adequacy of exposure controls.  
Biological monitoring may also be appropriate for some substances.

#### Appropriate engineering controls:

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use or handling.  
Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapor and mists below the applicable workplace exposure limits (Occupational Exposure Limits-OELs) indicated above.

#### Personal protection equipment

##### Eye and face protection:

Safety goggles or glasses, or appropriate eye protection.

##### Skin and body protection:

Select glove material impermeable and resistant to the substance.  
Wear appropriate clothing to prevent any possibility of skin contact.

##### Respiratory protection:

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.

#### General hygienic measures:

## Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 11.20.2017

Page 4 of 8

### Patterson Impregnated Articulating Paper

Avoid contact with skin, eyes and clothing.  
Wash hands before breaks and at the end of work.  
Wash contaminated clothing before reuse.

### SECTION 9: Physical and chemical properties

#### Information on basic physical and chemical properties

Appearance	Waxy coated paper or film.
Odor	No odor.
Odor threshold	Not applicable.
pH	Not applicable.
Melting point/freezing point	Not applicable.
Initial boiling point/range	Not applicable.
Flash point (closed cup)	>300°F (148.9 °C)
Evaporation rate	Not applicable.
Flammability (solid, gas)	Not applicable.
Upper flammability/explosive limit	Not applicable.
Lower flammability/explosive limit	Not applicable.
Vapor pressure	Not applicable.
Vapor density	Not applicable.
Density	Not applicable.
Relative density	Not applicable.
Solubilities	Insoluble
Partition coefficient (n-octanol/water)	Not available.
Auto/Self-ignition temperature	Not applicable.
Decomposition temperature	Not applicable.
Dynamic viscosity	Not applicable.
Kinematic viscosity	Not applicable.
Explosive properties	Not applicable.
Oxidizing properties	Not applicable.

#### Other information

### SECTION 10: Stability and reactivity

#### Reactivity:

Not reactive.

#### Chemical stability:

Stable under normal conditions of use and storage.

#### Possibility of hazardous reactions:

None under normal conditions of use and storage.

#### Conditions to avoid:

Keep away from ignition sources.

#### Incompatible materials:

Avoid oxidizing agents.

#### Hazardous decomposition products:

Thermal decomposition may produce carbon and nitrogen oxides.

## Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 11.20.2017

Page 5 of 8

### Patterson Impregnated Articulating Paper

#### SECTION 11: Toxicological information

##### Acute toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:**

Name	Route	Result
Paper or Film impregnated with vegetable oil based inks	oral	Swallowing large amounts may cause gastric upset and nausea.

##### Skin corrosion/irritation

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:** No data available.

##### Serious eye damage/irritation

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:**

Name	Result
Paper or Film impregnated with vegetable oil based inks	Direct contact may cause mild irritation with redness and tearing.

##### Respiratory or skin sensitization

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:** No data available.

##### Carcinogenicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:** No data available.

**International Agency for Research on Cancer (IARC):** None of the ingredients are listed.

**National Toxicology Program (NTP):** None of the ingredients are listed.

##### Germ cell mutagenicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:** No data available.

##### Reproductive toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:** No data available.

##### Specific target organ toxicity (single exposure)

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

## Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 11.20.2017

Page 6 of 8

### Patterson Impregnated Articulating Paper

No data available.

**Substance data:** No data available.

#### Specific target organ toxicity (repeated exposure)

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:** No data available.

#### Aspiration toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:** No data available.

#### Information on likely routes of exposure:

No data available.

#### Symptoms related to the physical, chemical and toxicological characteristics:

No data available.

#### Other information:

No data available.

### SECTION 12: Ecological information

#### Acute (short-term) toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:** No data available.

#### Chronic (long-term) toxicity

**Product data:** No data available.

**Substance data:** No data available.

#### Persistence and degradability

**Product data:** No data available.

**Substance data:** No data available.

#### Bioaccumulative potential

**Product data:** No data available.

**Substance data:** No data available.

#### Mobility in soil

**Product data:** No data available.

**Substance data:** No data available.

**Other adverse effects:** No data available.

### SECTION 13: Disposal considerations

#### Disposal methods:

It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities

### SECTION 14: Transport information

#### United States Transportation of dangerous goods (49 CFR DOT)

UN number	Not regulated.
UN proper shipping name	Not regulated.

## Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 11.20.2017

Page 7 of 8

### Patterson Impregnated Articulating Paper

UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

#### International Maritime Dangerous Goods (IMDG)

UN number	Not regulated.
UN proper shipping name	Not regulated.
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

#### International Air Transport Association Dangerous Goods Regulations (IATA-DGR)

UN number	Not regulated.
UN proper shipping name	Not regulated.
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

#### Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Bulk Name	Not applicable - product is transported only in packaged form.
Ship type	None
Pollution category	None

### SECTION 15: Regulatory information

#### United States regulations

##### Inventory listing (TSCA):

Mixture	Paper or Film impregnated with vegetable oil based inks	Listed
---------	---	--------

**Significant New Use Rule (TSCA Section 5):** Not determined.

**Export notification under TSCA Section 12(b):** Not determined.

**SARA Section 302 extremely hazardous substances:** Not determined.

##### SARA Section 313 toxic chemicals:

Mixture	Paper or Film impregnated with vegetable oil based inks	Not Listed
---------	---	------------

**CERCLA:** Not determined.

**RCRA:** Not determined.

**Section 112(r) of the Clean Air Act (CAA):** Not determined.

##### Massachusetts Right to Know:

Mixture	Paper or Film impregnated with vegetable oil based inks	Not Listed
---------	---	------------

##### New Jersey Right to Know:

Mixture	Paper or Film impregnated with vegetable oil based inks	Not Listed
---------	---	------------

## Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 11.20.2017

Page 8 of 8

### Patterson Impregnated Articulating Paper

#### New York Right to Know:

Mixture	Paper or Film impregnated with vegetable oil based inks	Not Listed
---------	---	------------

#### Pennsylvania Right to Know:

Mixture	Paper or Film impregnated with vegetable oil based inks	Not Listed
---------	---	------------

**California Proposition 65:** None of the ingredients are listed.

### SECTION 16: Other information

**Abbreviations and Acronyms:** None

#### Disclaimer:

This product has been classified in accordance with OSHA HCS 2012 guidelines. The information provided in this SDS is correct, to the best of our knowledge, based on information available. The information given is designed only as a guidance for safe handling, use, storage, transportation and disposal and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials, unless specified in the text. The responsibility to provide a safe workplace remains with the user.

**NFPA:** 1-1-0

**HMIS:** 1-1-0

**Initial preparation date:** 11.20.2017

**End of Safety Data Sheet**