

**1. PRODUCT AND COMPANY IDENTIFICATION****1.1 Product Identifier**

**Product Name:** Impressa Chrome™ Impression Alginate  
**Common Name:** Orthodontic Supplies – Impression Material  
**Material:** Alginate  
**Restrictions on Use:** American Orthodontics' products are used for the treatment of malocclusions and craniofacial abnormalities as diagnosed by a trained dental professional or orthodontist. Federal law restricts this device to use by or on the order of a dentist or orthodontist.

**EC No.:** N/A

**REACH Registration No.:** N/A

**CAS No. / IUPAC:** see below

**1.2 Relevant Identified Uses/ Uses Advised Against**

**Relevant identified uses:** Dental/Orthodontic use only

**Uses advised against:** Not for Consumer use. Please see "Restrictions on Use"

**1.3 Details of the Supplier of the Safety Data Sheet****Company Name:**

American Orthodontics  
3524 Washington Avenue  
Sheboygan, WI 53081  
Phone: 920-457-5051  
Fax: 920-457-1485

**E-mail:** info@americanortho.com

**National Contact:** Safety Department

**1.4 Emergency Telephone Number****Emergency Response Number:**

920-457-5051

Only available during office hours: 8:00AM – 5:00PM (Central Time)

Language of Phone Service: English

**2. HAZARDS IDENTIFICATION**

**2.1 Classification of the substance or mixture**

**2.1.1 Classification according to Regulation (EC) No. 1272/2008 [CLP]**

Considered Non-Hazardous

**2.1.2 Classification according to Directive 67/548/EEC**

Considered Non-Hazardous

**2.1.3 Additional information:**

None

**2.2 Label Elements**

*Labelling according to Regulation (EC) No 1272/2008 [CLP]*

**Hazard Pictogram(s)**

No Pictograms

**Signal Word(s)**

Warning:

Hazard Statements:

- May be harmful if swallowed
- May be harmful in contact with skin
- May be harmful if inhaled
- Causes mild skin irritation
- Causes eye irritation

Precautionary Statements:

- Avoid contact with skin
- Avoid contact with eyes
- Wear appropriate personal protective equipment (PPE) as listed below

Supplemental Hazard information (EU):

Not applicable

**2.3 Other Hazards**

None

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

| <u>Ingredient(s)</u>      | <u>CAS No.</u> | <u>EC No.</u> | <u>Wt. % Content (or Range)</u> |
|---------------------------|----------------|---------------|---------------------------------|
| Sodium Alginate           | 9005-38-3      | N/A           | 16                              |
| Tetrasodium pyrophosphate | 7722-88-5      | N/A           | 2                               |
| Magnesium Oxide           | 1309-48-4      | N/A           | 9                               |
| Magnesium Carbonate       | 39409-82-0     | N/A           | 8                               |
| Calcium Sulfate           | 10101-41-4     | N/A           | 11                              |
| Potassium Fluoride        | N/A            | N/A           | 2                               |
| Diatomaceous Earth        | N/A            | N/A           | 52                              |

## 4. FIRST-AID MEASURES

### 4.1 Description of First-Aid Measures

General Notes

None

Inhalation

- If fumes, aerosols or combustions products are inhaled, remove from contaminated area
- Other measures are usually unnecessary

Skin Contact

- Immediately remove all contaminated clothing, including footwear
- Flush skin and hair with running water (and soap if available)
- Seek medical attention in event of irritation

Eye Contact

- Immediately flush with copious amounts of water.
- Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.
- Seek medical attention without delay, if pain persists or recurs seek medical attention
- Removal of contact lenses after eye injury should only be undertaken by skilled personnel

Ingestion/Swallowing

- If poisoning occurs, contact a doctor or Poison Control Center

Self-Protection of First-Aider

- None

### 4.2 Important Symptoms and Effects

None

### 4.3 Medical Attention & Special Treatment Necessary

None

#### Notes to the Doctor:

Treat symptomatically

## **5. FIRE AND EXPLOSION HAZARDS**

### **5.1 Extinguishing Media**

Suitable Extinguishing Media:

- Alcohol Stable Foam
  - Dry Chemical Powder
  - Water Spray or Fog
  - Carbon Dioxide
- Treat as a Class A Fire

Extinguishing Media which should not be used:

- Do not use a water jet to fight fire

### **5.2 Special Exposure Hazards from Substance/Mixture**

Hazardous Combustion Products:

- None

### **5.3 Advice for Firefighters**

Firefighting Methods:

- Use fire-fighting procedures suitable for surrounding area

Special protective equipment for fire-fighters:

- Wear breathing apparatus plus protective gloves in the event of a fire

## **6. ACCIDENTAL RELEASE MEASURES**

### **6.1 Personal Precautions, Protective Equipment & Emergency Procedures**

#### **6.1.1 For Non-Emergency Personnel**

Protective Equipment

- Gloves
- Safety Goggles

Emergency Procedure

- None

#### **6.1.2 For Emergency Responders**

None

### **6.2 Environmental Precautions**

None

### **6.3 Methods & Material for Containment & Cleaning Up**

#### **6.3.1 For Containment**

None

#### **6.3.2 For Cleaning Up**

Clean up spills immediately

#### **6.3.3 Other Information**

None

### **6.4 Reference to other sections (as applicable)**

None

**7. HANDLING AND STORAGE**

**7.1 Precautions for Safe-Handling**

- Avoid personal contact, including inhalation
- Wear protective clothing when risk of exposure occurs

**7.2 Conditions for Safe Storage, Including Any Incompatibilities**

Technical Measures & Storage Conditions

- Store in cool, dry place
- Store away from incompatible materials and foodstuff containers

Requirements for Storage Rooms & Vessels

- Store in original containers
- Keep containers securely sealed

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**8.1 Control Parameters**

No data available but non-toxic

**8.2 Exposure Controls**

- Eye & Face Protection: Safety goggles
- Hand Protection: Protective gloves
- Respiratory Protection: None under normal operation conditions

**8 PHYSICAL AND CHEMICAL PROPERTIES**

**9.1 Basic Physical & Chemical Properties**

|                   |              |
|-------------------|--------------|
| Appearance:       | Fine Powder  |
| Odor:             | N/A          |
| Vapor Density:    | 0.4 (Air =1) |
| Relative Density: | N/A          |
| Solubility(ies):  | Negligible   |

**9.2 Other Information**

None

**9 STABILITY AND REACTIVITY**

**10.1 Reactivity**

Stable

**10.2 Chemical Stability**

Stable

**10.3 Conditions of Instability**

None Known

**10.4 Possibility of Hazardous Reactions**

None Known

**10.5 Conditions to Avoid**

Direct Flame

**10.6 Incompatible Materials**

None Known

**10.7 Hazardous Decomposition Products**

Carbon Monoxide

**10.8 Hazardous Polymerization**

Will not occur

**10 TOXICOLOGICAL INFORMATION**

**11.1 Information on Toxicological Information**

Serious Eye Damage/Irritation: May cause eye irritation

Respiratory/Skin Sensitization: May cause inflammation of the skin. Irritation and skin reactions are possible with sensitive skin. Do not expose open cuts, abraded or irritated skin to material.

Medical Conditions Generally Aggravated by Exposure: Gastrointestinal discomfort may produce nausea and vomiting. In an occupational setting, however, ingestion of insignificant quantities is not thought to be cause for concern.

**11.1.1 Acute Toxicity**

- None

**11 ECOLOGICAL INFORMATION**

Not considered hazardous

**12 DISPOSAL CONSIDERATIONS**

**12.2 Waste Treatment Methods**

**Product/Packaging disposal:**

Dispose in regular garbage

Handle like dirt or dust

Recycle containers, if possible, or dispose of in an authorized landfill

**13 TRANSPORTATION INFORMATION**

None, not regulated for Transport of Dangerous Goods (ADG7, UN, IATA, IMDG)

**14 REGULATORY INFORMATION**

**14.2 Safety, health and environmental regulations/legislation specific for the substance or mixture**

**EU Regulations**

None

**Other EU Regulations:**

None

**National Regulations (USA):**

None

**14.3 Chemical Safety Assessment:**

No chemical safety assessment has been carried out for this substance/mixture by the supplier.

**15 ADDITIONAL INFORMATION**
**15.2 Indication of changes/revision to SDS:**

1. New format
2. Inclusion of EC Requirements
3. **Revision Date:** 03/19/2015

**15.3 Abbreviations and acronyms:**

None

**15.4 Key literature references and sources for data**

1. Guidance on the Compilation of Safety Data Sheets; European Chemical Agency (ECHA); Version 2.1, February 2014
2. Regulation (EC) No 1272/2008 of the European Parliament and the Council of 16 December 2008 on classification, labelling, and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

**15.5 Classification and procedure used to derive classification for mixtures according to Regulation (EC) 1272/2008[CLP]:**

None

Some of the information presented and conclusions drawn herein are from sources other than direct test data on the product itself. The information in the SDS was obtained from sources that we believe are reliable and is believed to be valid and accurate. American Orthodontics, however, makes no warranty, express or implied, regarding its correctness of the information provided. The conditions or method of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage, or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. If the product is used as a component in another product or used in a way other than recommended by the Company, this SDS information may not be applicable. **Reasonable safety precautions must always be observed.**