

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.**