

**I – Identification of the Substance and of the Company**

SUPPLIER: RMO, Inc.
650 W. Colfax Ave.
Denver, CO 80204
303-592-8200

Trade Name and Synonyms – Ortho-Jel
Description: Ortho-Jel Alginate Impression
Material

Emergency Information Chemtrec: 800-424-9300
Chemtrec International: 202-483-7616

Product Grade / Name:

IMPRESSION MATERIALS - ALGINATE

II – Composition / Information on Ingredients

<u>Chemical Characterization:</u>	<u>CAS Reg. No.:</u>
Sodium Alginate	9005-38-3
Sodium Phosphate	7722-88-5
Magnesium Oxide	1309-48-4
Magnesium Carbonate	39409-82-0
Calcium Sulfate	10101-41-4
Potassium Fluortitanate	16919-27-0
Diatomaceous Earth	61790-53-2

Dangerous Substances:

<u>Substance:</u>	<u>%</u>	<u>CAS Reg. No.:</u>	<u>Risk Phrases:</u>
Potassium Fluortitanate Form: Dust Free Powders	1-2	16919-27-0	R20/21;R25

III – Hazards Identification

Principle Hazard: Caused by dust generation. Do not breathe in alginate dust. Use of a mask to avoid exposure is recommended.

TLV – TWA: 0.1 mg/m³

IV – First Aid Measures

Inhalation: Remove to fresh air.

Skin contact: Wash with mild soap and water.

Eye Contact: Flush with clean water.

Ingestion: Drink large amounts of water.

V – Fire Fighting Measures

Flash Point: N/A

Ignition Temperature: N/A

Extinguishing Media Suitable: Water, Foam, Treat as class A fire.

Special Exposure Hazards: None

VI – Accidental Release Measures

Collect in containers for disposal. Material may be disposed of in compliance with local regulations. Sweep up without water to avoid slipping hazard.

VII – Handling and Storage

Handling: Avoid dust accumulation.

Storage: Store in original container in a cool dry place.

VIII – Exposure Controls / Personal Protection

Respiratory Protection: Do not breathe in dusts. Use of a mask to avoid exposure is recommended. Use in a well ventilated area.

Hand Protection: None. If needed use latex gloves.

Eye Protection: None if used as directed. Goggles if dust occurs.

Industrial Hygiene: None

IX – Physical and Chemical Properties

Physical State at 25 °C: Powder

Appearance: Fine powder

Odor: Vanilla-spearmint

pH Value: N/A

Solubility in Water (% by Wt): Insoluble

Viscosity: N/A

Density: 0,4 g/cm³

Flash Point: N/A

Auto Ignition Temperature: N/A

X – Stability and Reactivity

Thermal Decomposition: Will burn when in contact flame

Hazardous Decomposition Products: None

Hazardous Reactions: Will not occur

XI – Toxicological Information

The product presents no toxic hazard when used properly and in accordance with manufacturer instructions. Avoid breathing dusts.

XII – Ecological Information

Solubility in Water: In contact with water it starts to gel.

Biodegradability: Material is biodegradable at 30%.

Environmental Hazard: No environmental hazard known.

XIII – Disposal Considerations

Dispose of in accordance with state, local and federal law. Product and packaging materials are not listed in the Hazardous Waste Inventories.

XIV – Transportation Information

This material is not regulated by D.O.T. classification for dangerous substance

regulations, and can be transported by any practical method of shipment.

XV – Regulatory Information

No labeling is required for this material by the Chemical (Hazard Information and Packaging) regulations 1993 and corresponding EEC directives.

Risk Phrases: N/A

Safety Phrases: N/A

Hazard Symbols: N/A

XVI – Other Information

Note: While the information and recommendations set forth on this data sheet are believed to be accurate as received from our suppliers, RMO, Inc. makes no warranty with respect thereto and disclaims all liability from reliance thereon.