

I – Identification of the Substance and of the Company

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

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

Trade Name and Synonyms:
Multi-P, Multi-T, Multi-S, Multi-TB
Silicone Tooth Positioner Appliance

Description: Multi-P Multi Tooth
Positioner Appliance, Multi-T Multi Tooth
Positioner Appliance

Product Grade / Name:

Silicone Fluid 1000
CAS# 63148-62-9 %by Weight 100

II – Composition / Information on Ingredients

Chemical Name: Polydimethylsiloxane

Chemical Formula: Polymer

Silicone Fluid 1000

III – Hazards Identification

Potential Acute Health Effects:

Hazardous in case of eye contact (irritant). Slightly hazardous in case of skin contact (irritant, permeator), of ingestion, of inhalation.

Potential Chronic Health Effects:

CARCINOGENIC EFFECTS: Not available.

MUTAGENIC EFFECTS: Not available.

TERATOGENIC EFFECTS: Not available.

DEVELOPMENTAL TOXICITY: Not available.

Repeated or prolonged exposure is not known to aggravate medical condition.

NOTE: HMIS and NFPA ratings involve data and interpretations that may vary from company to company. They are intended only for rapid, general identification of the magnitude of the specific hazard. To deal adequately with the safe handling of this material, all the information contained in this MSDS must be considered.

IV – First Aid Measures

Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Skin Contact	Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.
Eye Contact	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.
Ingestion	Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

V – Fire and Explosion Data

Flammability of the Product: May be combustible at high temperature.

Auto-Ignition Temperature: Not available.

Flash Points: CLOSED CUP: >204°C (399.2°F)

Flammable Limits: Not available.

Products of Combustion: Not available.

Fire Hazards in Presence of Various Substances:

Slightly flammable to flammable in presence of heat...

Non-flammable in presence of shocks.

Explosion Hazards in Presence of Various Substances:

Risks of explosion of the product in presence of mechanical impact: Not available.

Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions:

SMALL FIRE: Use DRY chemical powder/

LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards: Not available.

Special Remarks on Explosion Hazards: Not available.

VI – Accidental Release Measures

Small Spill: Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Large Spill:

VII – Handling and Storage

Precautions:

Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/vapor/spray. Avoid contact with eyes. Wear suitable protective clothing. If ingested, seek medical advice immediately and show the container of the label.

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area.

VIII – Exposure Controls / Personal Protection

Engineering Controls:

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Personal Protection: Splash goggles. Lab coat.

Personal Protection in case of a Large Spill:

Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits: Not available.

IX – Physical and Chemical Properties

Physical state and appearance: Liquid.

Odor: Mild

Taste: Not available.

Molecular Weight: Not available

Color: Clear Colorless

pH (1% soIn/water): Not applicable

Boiling Point: Not available

Melting Point: Not available

Critical Temperature: Not available

Specific Gravity: 0.97 @ 25 deg. C(Water =1)

Vapor Pressure: .01 kPa (@20°C)

Vapor Density: Not available

Volatility: Not available

Water/oil Dist Coeff: Not available

Ionicity (in water): Not in available

Dispersion Properties: Not available

Solubility: Insoluble in hot water

X – Stability and Reactivity

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of instability: Excess heat.

Incompatibility with various substances: Not available.
Corrosively: Not available
Special Remarks on Reactivity: Not available.
Special Remarks on Corrosively: Not available.
Polymerization: Will not occur.

XI – Toxicological Information

Routes of Entry Absorbed through skin. Eye contact.

Toxicity to Animals:

Acute oral toxicity (LD50): >17000mg/kg [Rat (RTECS # VX6390000)].

Acute dermal toxicity (LD50): >2000 mg/kg [Rabbit (RTECS #VX6390000)].

Chronic Effective on Humans: Not available.

Other Toxic Effects on Humans: Slightly hazardous in case of skin contact (irritant, permeator, of ingestion, of inhalation.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks Chronic Effects on Humans: Not available.

Special Remarks on other Toxic Effects on Humans:

Acute Potential Health Effects:

Skin: May cause slight skin irritation.

Eyes: May cause moderate eye irritation with conjunctivitis.

Inhalation: Short-term harmful health effects are not expected from vapor or mist.

Ingestion: It is expected to be a low ingestion hazard.

XII – Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The product itself and it products of degradation are not toxic.

Special Remarks on the Products of Biodegradation: Not available.

XIII – Disposal Considerations

Waste Disposal:

Waste must be disposed of in accordance with federal, state and local environment control regulations.

XIV – Transportation Information

DOT Classification: Not a DOT controlled material (United States).

Identification: Not applicable.

Special Provisions for Transport: Not applicable.

XV – Regulatory Information

This document has been prepared in accordance with the MSDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

OSHA Classification: Nonhazardous.

California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986):

Material(s) known to the State to cause cancer: None Known.

Material(s) known to the State to cause adverse reproductive effects: None Known.

This document has been prepared in accordance with the MSDS requirements of the WHMIS Controlled Products Regulation.

WHMIS (Canada) Status: Noncontrolled.

WHMIS (Canada) Hazard Classification: Not Applicable.

International Agency for Research on Cancer (IARC): Not Listed.

American Conference of Governmental Industrial Hygienists (ACGIH): Not Listed.

National Toxicology Program (NTP): Not Listed.

Occupational Safety and Health Administration (OSHA): Not Listed.

Chemical(s) Subject to the Reporting Requirements of Section 313 or title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372: None.

SARA (USA) Sections 311 and 312 Hazard Classification(s): Not Listed.

US Toxic Substances Control Act (TSCA): this product is listed on the TSCA inventory. Any impurities present in this produce are exempt from listing.

Canadian Environmental Protection Act (CEPA) and Domestic Substances List (DSL): this product is listed on the DSL or otherwise complies with CEPA new substances notification requirements.

European Inventory of Existing Commercial Chemical Substances (EINECS): All components of this produce are listed on EINECS. Any polymer intentionally present in this produce has regulatory clearance under Directives of the European Union.

XVI – Other Information

HMIS (U.S.A.):

Health Hazard: 2

Fire Hazard: 1

Reactivity: 0

Personal Protection: j

National Fire Protection Association (U.S.A.):

Health: 2

Flammability: 1

Reactivity: 0

Specific Hazard:

Protective Equipment:
Not applicable.

The information contained herein as based on current knowledge and experience; no responsibility is accepted that the information is sufficient or correct in all cases. Users should consider these data only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers and the protection of the environment.