



COMPANY INFORMATION

COMPANY NAME: YOUNG INNOVATIONS, INC.
dba Plak Smacker

COMPANY ADDRESS: 2260 WENDT STREET
ALGONQUIN, IL 60102 USA

24 HR EMERGENCY PHONE: INFOTRAC 1-800-535-5053
OUTSIDE U.S. 1-352-323-3500

COMPANY WEB ADDRESS: www.youngspecialties.com

SILICONE WAX

DOCUMENT NUMBER:	10465
REVISION DATE:	10/20/2021
REVISION:	REV. A
NUMBER OF PAGES:	3

SECTION I: PRODUCT IDENTIFICATION

Product: Relief/Braces/Silicone Wax

Material Use: Used by orthodontic patients to guard against irritation.

SECTION II: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

EMERGENCY OVERVIEW

This product is not expected to present any unusual hazards in proper use.

Skin Contact: No danger at room temperature.

Eye Contact: No danger at room temperature.

Inhalation: Not likely to occur as the product is not volatile at room temperature.

Ingestion: May cause gastrointestinal irritation, nausea, vomiting and diarrhea if ingested in large quantity.

Potential Health Effects

NFPA Classification — 0: Minimal 1: Slight Hazard 2: Moderate Hazard 3: Serious Hazard 4: Severe Hazard

Fire Hazard: 1

Health Hazard: 0

Reactivity: 0

Personal Protection: See Section 8

Potential Health Effects

HMIS Rating — 0: Minimal 1: Slight Hazard 2: Moderate Hazard 3: Serious Hazard 4: Severe Hazard

Health: 0

Flammability: 1

Reactivity: 0

SECTION III: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	Note (Sect 15)	CAS#	Amount	Exposure Limits (ppm)				
				OSHA PEL-TWA	NIOSH REL-TWA	NIOSH REL-STEL	ACGIH TLV-TWA	ACGIH TLV-STEL
None as defined by OSHA 29 CFR 1910.1200 & by Canadian WHMIS CPR								

SECTION IV: FIRST AID MEASURES

Eye Contact: Exposure to fumes, vapors or smoke of the thermally degraded product can result in irritation to the eye and direct contact of the molten material will cause eye injury and burns. Should an accident occur, flush eyes with generous amounts of water for at least 15 minutes.

Call a physician to attend to the injury.

Skin Contact: Exposure to fumes, vapors or smoke of the thermally degraded product can result in irritation to the eye and direct contact of the molten material will cause eye injury and burns. Should an accident occur, flush eyes with generous amounts of water for at least 15 minutes.

Call a physician to attend to the injury.

Inhalation: Remove individual to a well ventilated area for fresh air and **call a physician to attend to the injury.**

Ingestion: Material is not acutely toxic by ingestion. **If material is ingested, do not induce vomiting. Call a physician.**

Additional Info: None.



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SECTION V: FIRE-FIGHTING MEASURES

Extinguishing Media: Treat as an oil fire. Use foam, dry chemical and CO.

Special Fire Fighting Procedure: Keep people away from fire and smoke. Wear full fire fighting turn out gear and respiratory protection (SCBA).

Unusual Fire and Explosion Hazards: This product will burn if involved in fire.

SECTION VI: ACCIDENTAL RELEASE MEASURES

Small Spills: Not likely to occur in solid format. Sweep and scrap the spill.

Large Spills: Not likely to occur in solid format. May melt if exposed to excessive heat. In that case, let material solidify and scrap the spill.

SECTION VII: HANDLING AND STORAGE

Handling Procedures: Handle as a fragile material. Wash thoroughly exposed body part after using.

Storage Precautions: Normal precaution should be followed in handling and storage. Store in a dry and cool place. Keep out of strong sunlight. Do not store at temperature: >50°C/120°F or near spark or open flame.

SECTION VIII: EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTION

Respiratory Protection: No special respiratory protection is normally required.

Protective Gloves: Rubber glove to prevent burning with the melted wax.

Eye Protection: Protective goggle to prevent burning by splatter of melted wax.

Clothing: Standard industrial.

SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear wax in 5 strips squares

Odor: Plain

Physical State: Solid at 25°C/77°F

Boiling Point: Not available

Melting Point: ~80°C/175°F

Specific Gravity (H₂O=1): <1

Vapor Pressure (mm Hg): <0.01 at 25°C/77°F

Solubility in Water: Insoluble

Solubility in Organic Solvent: Soluble

Partitioning Coefficient: Not available

Flash Point: Not available

Percent Volatiles: Nil

SECTION X: STABILITY AND REACTIVITY

Stability: Stable.

Hazardous Polymerization: Will not occur.

Incompatibility: Normally unreactive; however avoid contact with strong oxidizing agent (ex. Peroxides, chlorine).

Hazardous decomposition products: Burning can produce noxious and toxic fumes, and the following combustion products: Oxides of carbon and other complex chemical.

SECTION XI: TOXICOLOGICAL INFORMATION

Carcinogenicity: Not listed, not carcinogenic to date.

Mutagenicity/Teratogenicity: Not listed.

Irritancy of Material: None known.



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Sensitizing Capability: None known.
Reproductive Effects: None known.
Synergistic Materials: None known.

SECTION XII: ECOLOGICAL INFORMATION

This product is stable in water, and can be mechanically separated from water. The water may be suitable for disposal in a biological waste water treatment plant. Not expected to be acutely toxic to aquatic organism.

SECTION XIII: DISPOSAL CONSIDERATIONS

Incineration is probably the best mean of disposal. Dispose as industrial waste in accordance with appropriate Federal, State and local regulation.

SECTION XIV: TRANSPORT INFORMATION

DOT Hazard Classification - Not regulated
IATA Classification - Not regulated
ICAO Classification - Not regulated
IMO Classification - Not regulated
TDG Hazard Classification - Not regulated
UN/NA Hazard No. - None necessary
Other - Not available

SECTION XV: REGULATORY INFORMATION

Hazard Details of Section 2 - None
SARA Status - No reporting requirement
SARA Hazard Category - None
TSCA Status - All ingredients of this product are listed on the U.S. EPA TSCA (Toxic Substances Control Act) Chemical Substance Inventory.
DSL Status - All ingredients of this product are listed on the Canadian EPA (CEPA) Domestic Substances List (DSL).
EINECS Status - All ingredients of this product are listed European Inventory of Existing Chemical Substances (EINECS).
AICS Status - All ingredients of this product are listed on the Australian Inventory of Chemical Substances (AICS).
OSHA Status - Not a controlled or hazardous material as defined by U.S. OSHA HCS (29 CFR 1910.1200).
WHMIS Status - Not considered to be hazardous material as defined by the Canadian WHMIS Controlled Product Regulation (CPR).
OSHA HCS Compliance - SDS of the product is classified in accordance with all the required information for this hazard criteria under the Health Communication Standards of the U.S. OSHA.
WHMIS CPR Compliance - SDS of the product is classified in accordance with all the required information for this hazard criteria under the Controlled Products Regulations of the Canadian WHMIS.
ANSI Z400.1.1993 Compliance - SDS of the product is made following the Z400.1.1993 standards of the ANSI.

SECTION XVI: OTHER INFORMATION

The information contained in this document is derived from data supplied to Young Innovations, Inc. by the manufacturers or distributors of the raw materials combined to form this product. However, Young Innovations, Inc. makes no representations as to its completeness or accuracy. To the best of our knowledge all hazards have been noted for the intended use of the product and, since Young Innovations, Inc. cannot control conditions of use, the end user is obliged to determine the conditions permitting safe use of the product. In no event will Young Innovations, Inc. be responsible for damage of any nature whatsoever resulting from the use of or reliance upon the information contained herein.