



## Safety Data Sheet

Revision Date: 6/02/2023

### 1. IDENTIFICATION

**Product Identifier:** Insta-Mold Featherweight Silicone Mix (Part A)  
**Recommended use:** To make custom molded ear molds, earplugs, communication ear pieces or other Moldmaking applications.  
**Recommended restrictions:** None known

#### Manufacturer Information

Company Name: Insta-Mold Products, Inc.  
Address: 640 Hollow Road, Oaks, PA 19456, USA  
Telephone: General Assistance: 610-935-7270  
Email: [moreinfo@instamold.com](mailto:moreinfo@instamold.com)  
Contact person: Health & Safety  
Emergency phone Number 24 hour: CHEMTREC 800-424-9300

### 2. Hazard(s) Identification

**Physical hazards:** Not classified  
**Health hazards:** Not classified  
**OSHA defined hazards:** Not classified  
**Label elements**  
**Hazard symbol:** None  
**Signal word:** None  
**Hazard statement:** Hazard statement  
**Precautionary statement**  
**Prevention:** Observe good industrial hygiene practices  
**Response:** Wash Hands after handling  
**Storage:** Store away from incompatible materials  
**Disposal:** Dispose of waste and residues in accordance with local authority requirements  
**Hazard(s) not otherwise Classified (HNOC):** None known

**3. Composition/information on ingredients****Mixtures**

<b>Chemical name</b>	<b>CAS number</b>	<b>%</b>
Polyvinylsiloxane	68083-19-2	40-60
Platinum catalyst	68478-92-2	20-30 ppm
Titanium Dioxide for pigment	13463-67-7	0.5-1.0
Fumed silica	68909-20-6	10-30

**4. First-aid measures**

<b>Inhalation</b>	Move to fresh air. Call a physician if symptoms develop or persist.
<b>Skin contact and persists</b>	Wash off with soap and water. Get medical attention if irritation develops and persists
<b>Eye contact</b>	Rinse with water. Get medical attention if irritation develops and persists
<b>Ingestion</b>	Rinse mouth. Get medical attention if symptoms occur.
<b>Most important Symptoms/effects, Acute and delayed</b>	Direct contact with eyes may cause temporary irritation

**Indication of immediate Medical attention and Special treatment needed**      Treat symptomatically

**General information** Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

**5. Fire-fighting measures**

<b>Suitable extinguishing media</b>	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO <sub>2</sub> ).
<b>Unsuitable extinguishing Media</b>	Do not use water jet as an extinguisher, as this will spread the fire.
<b>Specific hazards</b>	During fire, gases hazardous to health may be formed. Do not mix with strong alkalis such as sodium hydroxide or potassium hydroxide with heat (> 1200 C). This can cause the generation of silicone cyclic compounds that are flammable.
<b>Fire fighting</b>	Move containers from fire area if you can do so without risk
<b>Equipment/instructions Specific methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials

**6. Accidental release measures**

**Personal Precautions** Keep unnecessary personnel away. Avoid contact with eyes. For personal protective equipment and protection, see section 8 of the SDS

**Emergency procedures**

**Methods and materials for containment and cleaning up** Scrape up with putty blade. Wipe up with absorbent material. and clean thoroughly to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS

**Environmental precautions** Avoid discharge into drains, water courses or onto the ground

**7. Handling and storage**

**Precautions for safe handling** Wear appropriate personal protective equipment. Avoid contact with eyes and clothing. Wash thoroughly after handling. Observe good industrial hygiene practices.

**Conditions for safe storage** Store in original tightly closed container. Store in a cool, dry place. Store

**Including any incompatibilities** away from incompatible materials (See Section 10 of the SDS).

**8. Exposure controls/personal protection**

**Occupational exposure limits** No exposure limits noted for ingredient(s)

**Biological limit values** No biological exposure limits noted for the ingredient(s)

**Appropriate engineering controls** Good general ventilation. This product may be capable of generating 0.1 ppm or greater formaldehyde vapors under certain use conditions. According to OSHA 29 CFR 1910.1048 formaldehyde vapors may be considered hazardous if workplace airborne concentrations exceed 0.1 ppm.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection:** Safety glasses

**Skin protection:** Vinyl gloves can be worn

**Respiratory Protection** None

**Thermal hazards** N.A.

**General hygiene considerations** Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

**9. Physical and chemical properties**

<b>Appearance</b>	
Physical state	Putty
Form	Putty
Color	White
<b>Odor</b>	Mild to none
<b>Odor threshold</b>	Not available
<b>pH</b>	Not available
<b>Melting point/freezing point</b>	Not determined
<b>Initial boiling point and boiling range</b>	Not available
<b>Flash point</b>	131 Celcius
<b>Evaporation rate</b>	Not available
<b>Flammability (solid,gas)</b>	Not applicable
<b>Upper/lower flammability or explosive limits</b>	
Flammability limit-lower(%)	Not available.
Flammability limit-upper(%)	Not available
Explosite limit – lower (%)	Not available
Explosive limit – upper (%)	Not available
<b>Vapor pressure at 20 degrees C</b>	100 hPa
<b>Vapor denisty</b>	Not determined
<b>Relative density</b>	0.91 g/cm3
<b>Solubility(ies)</b>	
Solubility (water)	Not miscible
<b>Partition coefficient (n-octanol/water)</b>	Not available
<b>Auto-ignition temperature</b>	Not available
<b>Decomposition temperature</b>	Not available
<b>Viscosity</b>	Not determined
<b>Other information</b>	
Explosive properties	Not explosive
Oxidizing properties	Not oxidizing

## 10. Stability and reactivity

<b>Reactivity</b>	The product is stable and non-rective under normal conditions or use, storage and transport
<b>Chemical Stability</b>	Material is stable under normal conditions.
<b>Possibility of hazardous Reactions</b>	No dangerous reaction known under conditions of normal use.
<b>Conditions to avoid</b>	Avoid temperatures exceeding the flash point
<b>Incompatible maerials</b>	Strong oxidizing agents. Strong alkalis.
<b>Hazardouus decomposition products</b>	Methylpolysiloxanes can generate formaldehyde at approximately 300 degreesFahrenheit (150 C) and above, in atmospheres which contain oxygen.

## 11. Toxicological information

### Information on likely routes of exposure

<b>Inhalation</b>	No adverse effects due to inhalation are expected
<b>Skin contact</b>	No adverse effects due to skin contact are expected
<b>Eye contact</b>	Direct contact with eyes may cause irritation
<b>Ingestion</b>	Expected to be a low ingestion hazard

**Symptoms related to the Physical, chemical and Toxicological characteristics** Direct contact with eyes may cause temporary irritation

#### **Information on Toxicological effects**

<b>Acute toxicity</b>	Not available
<b>Skin corrosion/irritation</b>	Prolonged skin contact rarely causes temporary irritation
<b>Serious eye damage/eye Irritation</b>	Direct contact with eyes may cause temporary irritation
<b>Respiratory or skin sensitization</b>	
<b>Respiratory sensitization</b>	Not a respiratory sensitizer
<b>Skin sensitization</b>	This product is not expected to cause skin sensitization
<b>Germ cell mutagenicity</b>	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
<b>Carcinogenicity</b>	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
<b>OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)</b>	
Not listed	
<b>Reproductive toxicity developmental effects.</b>	This product is not expected to cause reproductive or
<b>Specific target organ toxicity (single exposure)</b>	Not classified
<b>Specific target organ toxicity (repeated exposure)</b>	Not classified
<b>Aspiration hazard</b>	Not an aspiration hazard

#### **12. Ecological information**

<b>Ecotoxicity</b>	This product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
<b>Persistence and Degradability</b>	No data is available on the degradability of this product
<b>Bioaccumulative Potential</b>	No data available
<b>Mobility in soil</b>	No data available
<b>Other adverse effects</b>	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

#### **13. Disposal consideration**

<b>Disposal instructions</b>	Collect and reclaim or dispose in sealed containers at licensed waste disposal site.
<b>Local disposal regulations</b>	Dispose in accordance with all applicable regulations
<b>Hazardous waste code</b>	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
<b>Waste from residues</b>	Dispose of in accordance with local regulation. Empty containers may retain some product residue. This material and its container must be disposed of in a safe manner.
<b>Contaminated packaging</b>	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal

**14. Transport information**

**DOT**

Not regulated as dangerous goods

**IATA**

Not regulated as dangerous goods

**IMDG**

Not regulated as dangerous goods.

**Transport in bulk according to Annex II of MARPOL 73/78 and The IBC Code** Not established

**15. Regulatory Information**

**US federal regulations** This product is not know to be a “Hazardous Chemical” as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200

**TSCA Section 12 (b) Export Notification (40 CFR 707, Subpt. D)**

Not regulated

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

Not listed

**CERCLA Hazardous Substance List (40 CFR 302.4)**

Not listed

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard Categories**

Immediate Hazard – No

Delayed Hazard – No

Fire Hazard – No

Pressure Hazard –No

Reactivity Hazard –No

**SARA 302 Extremely hazardous substance**

Not listed

**SARA 311/312 Hazardous Chemical** No

**SARA 313 (TRI reporting)**  
Not regulated

**Other federal regulations**

**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not regulated

**Clear Air Act (CAA) Section 112® Accidental Release Prevention (40 CFR 68.130)**

Not regulated

**Safe Drinking Water Act (SOWA)** Not regulated

**US state regulations**

**US. Massachusetts RTK – Substance list**

Not regulated

**US. New Jersey Worker and Community Right-to-Know Act**

Not listed

**US. Pennsylvania Worker and Community Right-to-Know Law**

Not listed

**US. Rhode Island RTK**

Not regulated

**US, California Proposition 65**

California Safe Drinking Water and Toxic Enforcement Act of 1966 (Proposition 65): This material is not know to contain any chemicals currently listed as carcinogens or reproductuve toxins.

**International Inventories**

<b>Country(s) or region</b>	<b>Inventory name</b>	<b>On Inventory (yes/no)*</b>
Australia	Australian Inventory of Chemical Substances	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	Duropean List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemical List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Phillippine Inventory of Chemicals and Chemical Substances (PICCS)	yes

A “Yes” indicates this product complies with the inventory requirements administered by the governing coutry(s)

A “No” indicates that one or more components of this product are not listed or exempt from listing on the inventory administered by the governing country(s).

**16. Other Information, including date of preparation or last revision**

Issue date: 9/19/2014

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Version #8

HMIS ratings:

Health: 1

Flammability: 1

Physical hazard: 0

Disclaimer:

Insta-Mold Products, Inc. cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of this product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.