



## Safety Data Sheet

Revision Date: 6/02/2023

### **1. IDENTIFICATION**

**Product Identifier:** Clear-Seal Silicone clear coating  
Item #7001CS, 7002CS, 7001CSIND, 7002CSIND

**Recommended use:** Silicone lacquer curing at air humidity. Used as a finishing step to keep Insta-Mold Featherweight silicone earplugs clean and give a more polished look.

**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:	<a href="mailto:moreinfo@instamold.com">moreinfo@instamold.com</a>	
Contact person:	Health & Safety	
Emergency phone Number	24 hour: CHEMTREC	800-424-9300

### **2. Hazard(s) Identification**

**Classification of the substance or mixture**

**Classification according to Regulation (EC) No. 1272/2008**

GHS02 flame

Flam. Liq. 2 H225 Highly flammable liquid and vapor.

GHS08 health hazard

Repr 2 H361d Suspected of damaging the unborn child

STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.

GHS07

Skin Irrit. 2 H315 Causes skin irritation

STOT SE 3 H336 May cause drowsiness or dizziness

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**Classification according to Directive 67/548/EEC or Directive 1999/45/#C**

Xn; Harmful

R48/20-63: Harmful: danger of serious damage to health by prolonged exposure through Inhalation. Possible risk of harm to the unborn child.

Xi; Irritant

R38: Irritating to skin.

F; Highly flammable.

R11: Highly flammable.

R67: Vapors may cause drowsiness and dizziness

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**Label elements**

**Hazard-determining components of labelling:**

Toluene

**Code letter and hazard designation of product**

Xn Harmful

F Highly flammable

**Hazard-determining components of labelling:**

Toluene

**Risk phrases:**

11 Highly flammable

38 Irritating to skin

48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.

63 Possible risk of harm to the unborn child

67 Vapours may cause drowsiness and dizziness

**Safety phrases:**

9 Keep container in a well-ventilated place.

16 Keep away from sources of ignition-No smoking

23 Do not breathe gas/fumes/vapor/spray

36/37 Wear suitable protective clothing and gloves

60 This material and its container must be disposed of as hazardous waste.

**Other hazards**

**Results of PBT and vPvB assessment**

**PBT:** not applicable

**vPvB:** not applicable

**3. Composition/information on ingredients****Descriptor:** Mixture of Substances listed below with nonhazardous additions.

<b>Chemical name</b>	<b>CAS number</b>	<b>%</b>
Polyvinylsiloxane	68083-19-2	20-30
Toluene	203-625-9	5-10
Fumed silica	68909-20-6	10-30
Methyltriacetoxysilane	4253-34-3	3-7

**4. First-aid measures**

<b>Inhalation</b>	Move to fresh air. Call a physician if symptoms develop or persist.
<b>Skin contact</b>	Immediately wash off with soap and water. Get medical attention if irritation develops and persists.
<b>Eye contact</b>	Rinse opened eye for several minutes under running water. Get medical attention if irritation develops and persists
<b>Ingestion</b>	Seek immediate medical advice.
<b>Most important Symptoms/effects, Acute and delayed</b>	No further relevant information available.

**Indication of immediate Medical attention and Special treatment needed** No further relevant information available

**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>	CO <sub>2</sub> , sand, extinguishing powder. Do not use water.
<b>Unsuitable extinguishing Media</b>	Water, water with full jet.
<b>Specific hazards</b>	No further relevant information available
<b>Fire fighting</b>	Move containers from fire area if you can do so without risk
<b>Equipment/instructions</b>	
<b>Specific methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials

**6. Accidental release measures**

<b>Personal Precautions</b>	Keep unnecessary personnel away. Avoid contact with eyes. For personal protective equipment and protection, see section 8 of the SDS
<b>Emergency procedures</b>	

**Methods and materials for containment and cleaning up** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13. Ensure adequate ventilation. Do not flush with water or aqueous cleansing agents.

Never return spills to original containers for re-use.

**For waste disposal, see section 13 of the SDS**  
**For personal protection equipment see section 8**  
**For safe handling see section 7.**

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

### **7. Handling and storage**

**Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols. Observe good industrial hygiene practices.

**Information about fire  
And explosion protection** Keep ignition sources away – Do not smoke.  
Protect against electrostatic charges.

### **Conditions for safe storage, Including any incompatibilities**

**Requirements to be met by storerooms and receptacles:** Store in a cool location.

**Information about storage in one common storage facility:** Not required

### **Further information about storage conditions:**

Keep contained tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

**Specific end use(s):** No further relevant information available.

### **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

<b>Respiratory Protection</b>	None
<b>Thermal hazards</b>	N.A.
<b>General hygiene considerations</b>	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**

### **Appearance**

<b>Physical state</b>	Liquid
<b>Form</b>	Liquid
<b>Color</b>	Colorless

### **Odor**

Pungent

### **Odor threshold**

Not determined

### **pH**

Not determined

### **Melting point/freezing point**

Not determined

### **Initial boiling point and boiling range**

110 degrees Celcius

### **Flash point**

6 degrees Celcius (DIN 53213)

### **Evaporation rate**

Not determined

### **Ignition temperature:**

470 degrees Celcius (DIN 51794)

### **Upper/lower flammability or explosive limits**

<b>Lower:</b>	1.2 Vol %
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<b>Upper:</b>	7.0 Vol %
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### **Vapor pressure at 20 degrees C**

100 hPa

### **Vapor density**

0.91 g/cm<sup>3</sup>

### **Relative density**

Not determined

### **Solubility(ies)**

<b>Solubility (water)</b>	Not miscible
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### **Partition coefficient**

Not available

### **(n-octanol/water)**

### **Auto-ignition temperature**

Not available

### **Decomposition temperature**

Not available

### **Viscosity**

315 mPas (Brookfield)

### **Other information**

<b>Self-Igniting</b>	Product is not selfigniting
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## **10. Stability and reactivity**

### **Reactivity**

#### **Chemical Stability**

#### **Thermal decomposition / conditions to be avoided:**

No decomposition if used according to specifications

#### **Possibility of hazardous reactions**

Formation of acetic acid by reactions with dampness.

**Conditions to avoid**

No further relevant information available

**Incompatible materials**

Dampness

**Hazardous decomposition products:**

No dangerous decomposition products known.

**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

**Respiratory or skin sensitization**

<b>Respiratory sensitization</b>	Not a respiratory sensitizer
<b>Skin sensitization</b>	This product is not expected to cause skin sensitization

**Germ cell mutagenicity**      No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

**Carcinogenicity**      This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

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

Not listed

**Reproductive toxicity developmental effects.**      This product is not expected to cause reproductive or

**Specific target organ toxicity (single exposure)**      Not classified

**Specific target organ toxicity (repeated exposure)**      Not classified

**Aspiration hazard**      Not an aspiration hazard

**12. Ecological information**

**Toxicity**

**Acquatic toxicity**      No further relevant information is available.

**Persistence and Degradability**      No data is available on the degradability of this product

**Behavior in environmental systems:**

**Bioaccumulative Potential** No data available

**Mobility in soil** No data available

**Other adverse effects** Hazardous for water. Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground.

**13. Disposal consideration**

**Disposal instructions** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not dispose together with household garbage.

**Local disposal regulations** Dispose in accordance with all applicable regulations

**Hazardous waste code** The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Waste from residues** 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.

**Contaminated packaging** Since emptied containers may retain product residue, 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**

**Safety, health and environmental regulations/legislation specific for the substance or mixture**

**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**

**Information about limitation of use:**

Employment restrictions concerning juveniles must be observed.  
Employment restrictions concerning pregnant and lactating women must be observed.

**Technical instructions (air):**

**Class:** II

**Share in %:** less than 60

**Waterhazard class:** Water hazard class 2 (self assessment): hazardous for water.

**Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Issue date: 9/19/2014

Revision date: May 28, 2015

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.