

MICROSONIC, INC.

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MATERIAL SAFETY DATA SHEET

BLUE - Mega Sil/Silicone Impression Material

Section I - Product Information:

Chemical Name: Silicone Impression Material

DOT/UN Shipping Name: Vinyl Polysiloxane

Publication Date: January, 2012

CAS Reg. No.:

Trade Name/Product Code:

Update: January, 2019

Formulation: Proprietary Formulation with vinyl polysiloxanes. Catalyst with platinum complex and base with hydrogen vinyl polysiloxane. Inert fillers in both catalyst and base.

Section II - Hazardous Ingredients:

Hazardous Components/Chemical Identity
NONE

CAS Number
NA

%ACGIHTLV

OSHA PEL

Section III-Physical Characteristics:

Boiling Point
Non Volatile

Specific Gravity
(H₂O=1): 1.55

Vapor Pressure
NA

Percent Volatile
w/w%: Negligible

Vapor Density
(Air=1): NA

Evaporation Rate
(H₂O): Negligible

Solubility in Water
Negligible

Appearance and Odor: Base has Blue Shade and no odor. The catalyst is Colorless and odorless.

Section IV - Fire and Explosion Data:

Flash Point
NA

Flammable Limit

Air vol. %: Lower: NA; Upper: NA

Auto-ignition Temperature
NA

Extinguisher Method: Water, Carbon Dioxide, Dry Chemicals

Special Fire Fighting Procedures: None

Explosion Hazard: None

Unusual Fire and Explosion Hazards: None

Section V: Composition / Information on Ingredients

Chemical Identity

% Concentration

Silicone Polymers - Fully and/or partially crosslinked

>83%

Fillers - Inert

>10%

Minerals & Pigments

<2%

Solvent - Mineral oils

>5%

Section VI- Reactivity:

Stability: Stable

Conditions to Avoid: Do not use with sulfur containing latex gloves. Do not use with materials containing amines

Incompatibility (Materials to Avoid): Strong oxidizing agents

Hazardous Decomposition Products: None

Hazardous Polymerization: Will not occur

Conditions to Avoid: None

Section VII-Health Hazard data:

Primary Routes of Entry: Skin and Eyes

Carcinogenicity: None of the components of this material are listed by IARC, NTP, OSHA, or ACIGH as carcinogens.

Target Organs: For the mixture: NA.

Threshold Limit Value(LTV): For the mixture: NA

Effects of Over Exposure: It is not known to cause significant health problems.

Toxicity Information: For the mixture: None Listed. All ingredients are listed on the TOSCA inventory.

Section VI - Health Hazard data: (Continued):

Emergency and First Aid Procedure:

Inhalation: Remove to fresh air. If breathing has stopped, give oxygen. Get medical help if discomfort persists.

Eyes: Flush with water for 15 minutes, including under eyelids. Get medical help if discomfort persists.

Skin: Wash thoroughly with soap and water. Remove contaminated clothing. Get medical help if discomfort persists.

Ingestion: Rinse mouth out with water. Call a physician if the amount was large.

Hazardous Material Identification System (HMIS) Rating:

Health: 0 **Flammability:** 0 **Reactivity:** 0 **Personal Protective Equipment:** Gloves, splash goggles

Section VII - Spill or Leak Procedure:

Step to Be Taken in Case Material is Released or Spilled: Dike and sweep up to avoid slipping hazards.

Waste Disposal Method: may be disposed of in a landfill or incinerated. Follow Federal, State, and Local regulations for disposal.

Section VIII - Precautions for Safe Handling and Use:

Respiratory Protection: None required.

Ventilation: A good exhaust fan.

Protective Gloves: Latex gloves which contain sulfur will inhibit polymerization of two component systems. Avoid the use of this style of a glove.

Eye Protection: Safety Glasses or Splash Goggles.

Other Protective Equipment: Provide an eyewash and safety shower.

Section IX - Special Precaution:

Precaution to Be Taken in Handling and Storage: Observe precautions found on the label. Store in cool dry place away from heat, sparks, flame and direct sunlight. Close the container after each use. Ground all metal containers when transferring.

Other Precautions: Wash face and hands thoroughly with soap and water after handling and before eating, drinking or smoking

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