

1. PRODUCT AND COMPANY IDENTIFICATION

Name On Label: SAM SFP Silicone Finishing Powder

Chemical Family: Polymer

General Use: Silicone Surface Treatment

DOT shipping class: Not regulated by DOT as a hazardous material

Manufacturer: Tom McLaughlin Productions,
752 Communipaw Avenue, Jersey City, New Jersey 07030 201/273-2613

CHEMTREC EMERGENCY PHONE NUMBER

800 424-9300

2. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS# | WT% | OSHA PEL (mg/m3) | ACGIH (mg/m3) |
|--------------------------|------------|-------|------------------|---------------|
| Nylon-12 | 25038-74-8 | 10-35 | NE | NE |
| Polymethyl Methacrylate | 9011-14-7 | 10-35 | NE | NE |
| Polymethylsilsesquioxane | 68554-70-1 | 10-35 | NE | NE |
| Silicon Dioxide | 7631-86-9 | 10-35 | NE | NE |

NE = Not Established STEL = Short Term Exposure Limit C = Ceiling Limits

All ingredients are on the TSCA inventory or comply with TSCA requirements

3. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS:

| | |
|------------------------------------|---|
| • Ingestion | Get medical assistance if large quantities are swallowed |
| • Skin Contact | Wash with soap and water |
| • Inhalation | Use in a well ventilated work area |
| • Eye Contact | May Cause Minor Eye Irritation |
| Medical Conditions Aggravated | None Known |
| Sub-Chronic (Target Organ) Effects | None Known |
| Chronic Effects/Carcinogenicity | This product or one of its ingredients present 0.1% or more is NOT listed as a carcinogen or suspected carcinogen by NTP, IARC, or OSHA |

4. FIRST AID MEASURES

| | |
|--------------|--|
| Ingestion | None Known |
| Skin Contact | No first aid should be needed. Wash with soap and water |
| Inhalation | No first aid should be needed. Remove to fresh air |
| Eye Contact | Check for and remove any contact lenses. In case of contact, immediately flush with COOL water for 15 minutes; Call a physician if irritation persists |

5. FIRE-FIGHTING MEASURES

FLAMMABLE PROPERTIES

| | |
|-------------------------------------|---|
| • Flash Point | N/A |
| • Auto-ignition | >350 °C |
| • Flammable Limits in Air Upper (%) | Not Tested |
| • Flammable Limits in Air Lower (%) | Not Tested |
| Extinguishing Media | Carbon dioxide, sand, foam or dry chemicals |
| Unsuitable Extinguishing Media | No restrictions on media based on knowledge of this material |
| Unusual Fire and Explosion Hazards | 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. In addition, when heated to temperatures above 1500 C in the presence of air, formaldehyde vapors can form. Formaldehyde is a potential cancer hazard, a known skin and respiratory sensitizer; and a general irritant including the digestive system |
| Hazardous Decomposition Products | See above on exposure to air at elevated temperatures (>1500 C) that can evolve formaldehyde |
| Special Fire Fighting Instructions | Firefighters should wear full protective clothing, including self-contained breathing apparatus when fighting chemical fires |

6. ACCIDENTAL RELEASE MEASURES

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|--|--|
| Steps to be Taken if Material is Released or Spilled | Cover spill with an absorbent material such as sand or sawdust. Scoop up and place in an appropriately marked container for disposal |
| WARNING | Where material spills may be slippery |

7. HANDLING AND STORAGE

| | |
|----------|--|
| STORAGE | Product should be stored in its original container indoors under ambient conditions. Avoid outdoor storage to eliminate moisture on drum(s) or in product . Keep container dry. |
| HANDLING | Use with adequate ventilation. Minimize dust generation and accumulation. May form flammable dust-air mixture. Avoid breathing dust or fumes. Avoid contact with eyes. Wash thoroughly after handling and before mealtimes. Follow all MSDS and label precautions even after container is emptied since it may contain residue material. Avoid contact with strong oxidizing agents. |

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

| | | |
|-------------------------------|---|-------------------------------------|
| Exposure Levels: Component | OSHA TWA PEL Not established | ACGIH TWA TLV Not established |
| Respiratory Protection | If used under normal operating conditions and with adequate ventilation, respiratory protection is not required | |
| Ventilation | Local exhaust: Normal air flow | |
| SPECIAL/MECHANICAL/OTHER: | Not applicable | |
| Protective Gloves | Rubber or plastic gloves should be worn; Wash hands after use | |

| | |
|--|--|
| Eye Protection | Chemical safety goggles with side shields |
| Other Protective Clothing or Equipment | Rubber apron; Facility needs to be equipped with an eye-wash fountain and safety shower that is easily accessible |
| Work and/or Hygienic Practices | Always wash hands after handling chemicals and before eating or smoking. Do not smoke when working or handling chemicals |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|------------------------------------|----------------|
| Appearance | White Powder |
| Odor | No Odor |
| Vapor Pressure (20 °C) (mm Hg) | N/A |
| Vapor Density (AIR = 1) | N/A |
| Freezing Point | N/A |
| Boiling Point | N/A |
| Volatile Content by weight @ 150°C | N/A |
| Viscosity | Not Determined |
| Solubility in Water | Insoluble |
| Specific Gravity@ 20°C | 0.980 |

10. STABILITY AND REACTIVITY

| | |
|---|---|
| Stability | Stable |
| Hazardous Polymerization | Will not occur |
| Hazardous Thermal Decomposition/Combustion Products | Carbon Dioxide, Silicon dioxide, Formaldehyde Incomplete combustion can form dense smoke. |
| Incompatibility (Materials to avoid) | Strong oxidizing agents. These are strong acids (sulfuric and hydrochloric acids) and strong alkali (potassium hydroxide) |
| Conditions to Avoid | None Known |
| Section 10 Notes | Read and reference of Section 5 above |

11. TOXICOLOGICAL INFORMATION

| | |
|--------------------------|---|
| Primary Skin Irritation: | Non-irritating, primary irritation index: 0.00 (rabbit) |
| Primary Eye Irritation: | no data |
| Acute Dermal Toxicity: | no data |
| Acute Oral Toxicity: | LD ₅₀ >5g/kg |

| | |
|--|---|
| Chronic Effects on Humans | CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. Repeated or prolonged exposure to the substance at concentrations above exposure limits may cause respiratory damage. |
| Acute Effects on Humans Sensitization | May cause skin, eye and respiratory irritation. Repeated or prolonged exposure to the substance at concentrations above exposure limits may cause respiratory tract and lung sensitization. |

Carcinogenic Effects This material is not known to cause cancer in animals or humans.

12. ECOLOGICAL INFORMATION

| | |
|--------------------|----------------------------------|
| Ecotoxicity Data | No Data Available - at this time |
| Chemical Fate Data | No Data Available - at this time |

13. DISPOSAL CONSIDERATIONS

| | |
|---|---|
| Waste Disposal Method | Dispose under conditions complying with Federal, State, and Local environmental control regulations |
| Precautions to be Taken in Handling and Storage | No special precautions |
| Other Precautions | None |

14. TRANSPORT INFORMATION

| | |
|---------------------------|---------------|
| DOT Classification: | Not regulated |
| TDG Classification: | Not regulated |
| IMO/IMDG Classification: | Not regulated |
| ICAO/IATA Classification: | Not regulated |

15. REGULATORY INFORMATION

This product or its components are on the following inventories:

- European Inventory of Existing Commercial Chemicals
- Australia Inventory of Chemical Substances
- Japan Inventory of Existing & New Chemical Substances
- Canada DSL Inventory

16. OTHER INFORMATION

Hazardous Material Information System (U.S.A.) [Ratings Key: 4- Extreme danger, 0+ No hazard]

| | |
|--------------|-------------------------|
| NFPA Profile | Health – 0 |
| | Flammability – 1 |
| | Reactivity – 0 |
| | Personal Protection - E |

The data provided in this MSDS is offered in good faith as typical values and not as product specifications. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate. No warranty, either expressed or implied, is hereby made. Before using, user shall determine the suitability of the product for his intended use.

Data Approved by: TGM

Date: March 2015

Rev.2 03/15

Silicone Art Materials **SFP Silicone Finishing Powder**

Material Safety Data Sheet