



Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Trade Name: Super T Composite Powder – All Shades

Manufacture: AMCO International
2 Union Hill Road
W. Conshohocken, PA 19428

Telephone Number: 610-825-2630 800-523-0740

Fax Number: 610-825-1958

Version Number: 1

MSDS Number: 133199

Product Code: Dental Powder

TELEPHONE NUMBERS – 24 HOUR EMERGENCY ASSISTANCE:

Infotrac Domestic - 800-535-5053

Infotrac International - 352-323-3500

2. COMPOSITIONAL INFORMATION

Ingredient Name	CAS Number	Concentration	Exposure Limits / Health Hazards
Poly (Ethyl Methacrylate/Methyl Methacrylate)	NE		OSHA PEL 15 mg/m ³ ACGIH TLV 10 mg/m ³
Particulates NOC			
Plasticized Methacrylate Polymer	NE		Particulate NOC – CAS REG.NO.NE OSHA PEL 15 mg/m ³ ACGIH TLV 10 mg/m ³ Residual Monomer – CAS REG.NO.NE OSHA PEL 5 mg/m ³ ACGIH TLV 5 mg/m ³
Proprietary Frit Filler	65997-18-4		Fluoride, as F OSHA PEL 2.5 mg/m ³ ACGIH TLV 2.5 mg/m ³ Zirconium compounds, as Z OSHA PEL 5 mg/m ³ ACGIH TLV 5 mg/m ³ Particulate NOC OSHA PEL 10 mg/m ³ ACGIH TLV 10 mg/m ³
Titanium Dioxide	13463-67-7		Total Particulate Dust: OSHA PEL 15 mg/m ³ ACGIH TLV 10 mg/m ³ Reparable Particulate: OSHA PEL 5 mg/m ³ ACGIH TLV 5 mg/m ³
Benzoyl peroxide	NE		Dibenzoyl peroxide OSHA PEL 5 mg/m ³ ACGIH TLV 5 mg/m ³ Water OSHA PEL N/D ACGIH TLV N/D

ND = No Data NA = Not Applicable NE = Not Established

MSDS Number: 1615511

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Page Number 1



Material Safety Data Sheet

5. FIRE AND EXPLOSION HAZARD INFORMATION

Extinguishing Media

Use a water spray, dry chemical, alcohol foam or carbon dioxide to extinguish fire.

Basic Fire Fighting Procedures

Evacuate area and fight fire from a safe distance. Wear self-contained breathing apparatus and full protective clothing.

NFPA Rating Health – 1 Flammability – 1 Reactivity - 0

Flash Point: 579° F ° C

Auto Ignition Temperature: NE

Flammability Limits in Air, Lower % by Volume: NA

Flammability Limits in Air, Upper % by Volume: NA

4. HEALTH HAZARD INFORMATION

Potential Health Effects, Skin

Nuisance particles may cause irritation.

Potential Health Effects, Eye

Nuisance particles may cause irritation.

Potential Health Effects, Inhalation

Gross overexposure to nuisance particles, regardless of how generated, may cause irritation of the respiratory tract. If affected by inhalation, remove to fresh air. If breathing difficulty persists, consult a physician.

3. FIRST AID INFORMATION

Skin

Wash affected skin areas with soap and water. See a physician if irritation persists.

Eye

Flush eyes with a large amount of water for at least 15 minutes.

Inhalation

Move subject to fresh air. If having difficulty breathing, administer oxygen. Give artificial respiration if breathing has stopped. Call a physician.

Ingestion

Ingestion of small quantities of this material under normal circumstances will not cause harmful effects.

In all of the above emergency cases, call a physician.



Material Safety Data Sheet

6. REACTIVITY INFORMATION

Stability / Incompatibility

Stable. Incompatible with strong acids, strong oxidizing agents.

Hazardous Reactions / Decomposition Products

Decomposing the polymer may generate some organic esters, these may contain methacrylates. Other decomposition products include carbon monoxide, organic acids, aldehydes and alcohol.

Hazardous Polymerization

Will not occur.

7. SPILL OR LEAK PROCEDURES INFORMATION

Spill or Leak Procedure

Sweep up carefully to prevent slipping hazard.

8. SPECIAL PROTECTION INFORMATION

Skin Protection: Personal Protection Equipments (PPE)

None required

Eye Protection: Personal Protection Equipments (PPE)

Wear chemical safety goggles

Have eye-washing facilities readily available where eye contact can occur.

Respiratory Protection: Personal Protection Equipments (PPE)

None required if good ventilation is maintained under normal processing conditions.

9. STORAGE AND HANDLING EQUIPMENT

Handling

Avoid temperatures above 299° C / 570° F

Storage

Observe all label precautions.

Minimum: Ambient Maximum: Ambient. Store containers in a dry area, keeping containers closed to prevent absorption and contamination.

10. MISCELLANEOUS INFORMATION

Disclaimer

The above information is based on the data of which we are aware and is believed to be correct as the data hereof. Since this information may be applied under conditions beyond our control and which may be unfamiliar and since data made available subsequent to the data hereof may suggest modification of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his or her own determination of the suitability of the material for his /her particular purpose.

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Completed By: Kirby Slack

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