



MATERIAL SAFETY DATA SHEET
COMPLIES WITH 29 CFR 1910.1200.
OSHA HAZARD COMMUNICATION RULE

DATE OF LAST REVISION: 04/2010

CHEMICAL IDENTITY

LABEL IDENTITY

CHEMICAL NAME/SYNONYMS

CHEMICAL FAMILY

HAZARDOUS INGREDIENTS

ON-TECP

Silver Filled Phenyl /methylpolysiloxane

SILVER / SILICONE COMPOUND MIXTURE

Hazardous mixtures of other liquids, solids or gases	%	TLV	OSHA PEL
Diphenyl, dimethylsiloxane, vinyl terminated CAS NO: 68951-96-2	20%	N/A	N/A
Poly Methylsiloxane CAS NO: 63148-62-9	5%	N/A	N/A
Silver Powder CAS NO: 7440-22-4	75%	100 mg/M ³	10 mg/M ³

PHYSICAL AND CHEMICAL PROPERTIES

COLOR, FORM AND ODOR

Silver colored, odorless paste, non-drying

BOILING POINT (deg.C/mm)

205/760

VAPOR PRESSURE (mm/deg C)

NA

% VOLATILE BY VOLUME (%)

<0.2

SOLUBILITY IN WATER

Insoluble

MELTINGN POINT (deg.C)

NA

VAPOR DENSITY (AIR = 1)

NA

SPECIF. GRAVITY

2.35

NFPA PROFILE:

Health 0

Flammability 1

Instability/Reactivity 0

Note: NFPA= National Fire Protection Association

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT

205 C (400 F) closed cup

FLAMMABILITY

Upper – N/A Lower – N/A

EXTINGUISHING MEDIA

CO₂, foam, dry chemical, water spray or fog

PERSONAL PROTECTION FOR FIGHTING

Fire fighters must wear positive-pressure,

FIRE

self-contained breathing apparatus and full protective clothing



ON-TECP MATERIAL SAFETY DATA SHEET

HEALTH HAZARD INFORMATION

ROUTES AND EFFECTS OF EXPOSURE:

Eyes: Avoid contact. May cause discomfort or irritation.

Skin: Avoid contact. Silver particles may cause rash.

Inhalation: Avoid contact. Silver fumes may cause nausea, headache, throat dryness, etc.

Ingestion: Avoid contact

EMERGENCY AND FIRST AID PROCEDURES:

Eyes: Flush with clean water for at least 15 minutes and consult physician.

Skin: Scrub with soap and water. If condition persists, consult a physician.

Inhalation: Remove victim to fresh air.

Inhalation: Give CPR or oxygen if necessary.

Ingestion: Get medical attention. If symptoms persist, get medical attention. Never give anything by mouth to an unconscious person.

REACTIVITY DATA

STABILITY (UNDER NORMAL CONDITIONS)

Stable

CONDITIONS TO AVOID:

Contact with oxidizing agents. Contact with alkali & acid.

HAZARDOUS POLYMERIZATION

Will not occur

SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: **Absorb spilled material with suitable chemical binder. Shovel absorbent into suitable waste container. Do not contaminate soil, groundwater, or surface water.**

WASTE DISPOSAL METHOD:

Follow all federal, state, and local regulations.

SPECIAL PROTECTIVE INFORMATION

RESPIRATORY PROTECTION

NA

EYE PROTECTION

Use safety glasses with side shields

VENTILATION

Mechanical ventilation recommended.

PROTECTIVE CLOTHING

Use impervious gloves

SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING/STORAGE: **Store in a cool dry place. Maintain tightly closed container. Sore away from alkaline, acidic, and oxidizing materials. Provide adequate ventilation. Establish good personal hygiene and particles-wash after handling.**



ANGSTROM SCIENCES

40 S. Linden Street, Duquesne, PA 15110 USA T: +1-412-469-8466 F: +1-412-469-8511 angstromsciences.com

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NA= NOT APPLICABLE

ND= NO DATA FOUND

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