

# SAFETY DATA SHEET

per OSHA HazCom 2012

Date of issue: 3/26/2018

Revision Date: 9/13/2021

Version 1.2

## SECTION 1: Identification of the mixture and of the company

### 1.1 Product identifiers

Product name : TELOS NM-545E  
Type of Product : SPE  
Brand : CP TELOS®  
Product Number : 06482-04

### 1.2 Recommended uses of the product and restrictions on use

Identified uses : Laboratory chemicals

### 1.3 Details of the supplier of the safety data sheet

Company : Cole-Parmer Instruments LLC.  
625 Bunker Ct  
Vernon Hills, IL 60061  
Fax : 1-847-247-2929  
E-mail : sales@coleparmer

### 1.4 Emergency telephone number

#### VelocityEHS Emergency Response services:

Domestic : 1-800-255-3924  
International : +1-813-248-0585

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

Classification under 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Serious Eye Damage/Eye Irritation : Category 2, H319


Specific target organ toxicity -  
(single exposure) : Category 3, H335

Specific target organ toxicity -  
(repeated exposure) : Category 2, H373

Target Organs : Respiratory system

### 2.2 GHS Label elements, including precautionary statements

#### Label elements

Pictogram : 

Signal Word : WARNING

#### Hazards identification

H319 : Causes serious eye irritation

H335 : May cause respiratory irritation

H373 : May cause damage to organs through prolonged or repeated exposure

#### Precautionary statement

P260 : Do not breathe dust/fume/gas/mist/vapours/spray.

P261 : Avoid breathing dust/fume/gas/mist/vapours/spray.

P264 : Wash hands thoroughly after handling.

P271 : Use only outdoors or in a well-ventilated area.

P280 : Wear protective gloves/protective clothing/eye protection/face protection.

P312 : Call a POISON CENTER or doctor/physician if you feel unwell.

P314 : Get medical advice/attention if you feel unwell.

P304+P340 : IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P337+P313 : IF eye irritation persists: Get medical advice/attention.

P305+P351+P338 : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P403+P233 : Store in a well-ventilated place. Keep container tightly closed.

P405 : Store locked up.

P501 : Dispose of contents/container to an approved waste disposal plant.

### 2.3 Hazards not otherwise classified (HNOC)

No data available.

### 2.4 Unknown acute toxicity (GHS US)

No data available.

# SAFETY DATA SHEET

per OSHA HazCom 2012

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Component	CAS No.	Content(%)
Kieselguhr	61790-53-2	=<100

## SECTION 4: First aid measures

### 4.1 Description of first aid measures:

If inhaled : Remove to fresh air. If not breathing, give artificial respiration. Get medical attention.  
In case of skin contact : Wash off immediately with plenty of water for at least 15 minutes. Get medical attention.  
In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.  
If swallowed : Clean mouth with water and drink afterwards plenty of water. Do not induce vomiting. Get medical attention.

### 4.2 Most important symptoms and effects (acute and delayed)

No additional information available.

### 4.3 Immediate medical attention and special treatment, if necessary

No additional information available.

## SECTION 5: Firefighting measures

### 5.1 Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

### 5.2 Specific hazards arising from the chemical

Silicon oxides.

### 5.3 Special protective equipment and precautions for fire-fighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Avoid contact with skin and eyes. Do not breath dust.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Avoid contact with eyes. Use personal protective equipment as required.

For personal protection see section 8.

### 6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

### 6.3 Methods and materials for containment and cleaning up

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

### 6.4 Reference to other sections

For personal protection see section 8.

For disposal see section 13.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Wear personal protective equipment/face protection. Ensure adequate ventilation. Avoid contact with skin and eyes. Do not breathe dust. Do not ingest. If swallowed then seek immediate medical assistance.

Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Wash contaminated clothing before use.

### 7.2 Conditions for safe storage, including any incompatibilities

Keep in a dry, cool and well-ventilated place. Keep container tightly closed. Incompatible Materials. Strong oxidizing agents. Strong acids.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

Component	OSHA PEL
Kieselguhr	(Vacated) TWA: 6 mg/m <sup>3</sup>

### 8.2 Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations and safety showers are close to the workstation location.

### 8.3 Individual protection measures/Personal protective equipment

#### Personal protective equipment

Eye/face protection : Wear equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Safety glasses or goggles are appropriate eye protection.EN166.

# SAFETY DATA SHEET

per OSHA HazCom 2012

Skin protection	:	Handle with gloves. Select glove material impermeable and resistant to the substance. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Avoid skin contact with used gloves. Wash and dry hands.
Body Protection	:	Wear protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
Respiratory protection	:	Respiratory protection is not required under normal use conditions. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
General hygienic measures	:	Perform routine housekeeping. Wash hands before breaks and at the end of work. Avoid contact with skin, eyes, and clothing. Before wearing wash contaminated clothing.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

a) Appearance (physical state, color, etc.)	:	Form: solid
b) Odor	:	Odourless
c) Odor threshold	:	No data available
d) pH (solid, liquid)	:	No data available
e) Melting point/freezing point (solid, liquid)	:	No data available
f) Initial boiling point and boiling range	:	No data available
g) Flash point (liquid)	:	Not applicable
h) Evaporation rate	:	No data available
i) Flammability (solid, gas)	:	No data available
j) Upper/lower flammability or explosive limits	:	No data available
k) Vapor pressure	:	No data available
l) Vapor density	:	No data available
m) Relative density	:	No data available
n) Solubility(ies)	:	No data available
o) Partition coefficient: n-octanol/water	:	No data available
p) Auto-ignition temperature	:	No data available
q) Decomposition temperature	:	No data available
r) Viscosity	:	No data available

### 9.2 Other safety information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No data available

### 10.2 Chemical stability

Stable under normal ambient conditions.

### 10.3 Possibility of hazardous reactions

No data available

### 10.4 Conditions to avoid (e.g., static discharge, shock, or vibration)

Incompatible products. Exposure to moisture. Avoid dust formation.

### 10.5 Incompatible materials

Strong oxidizing agents, Strong acids.

### 10.6 Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. – Silicon dioxide.

Other decomposition products - No data available.

In the event of fire: see section 5

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

No acute toxicity information available

#### Skin corrosion/irritation

No information available

# SAFETY DATA SHEET

per OSHA HazCom 2012

## Serious eye damage/eye irritation

May cause irritation of respiratory tract.

## Respiratory or skin sensitisation

No information available

## Germ cell mutagenicity

No information available

## Carcinogenicity

This product does not contain any ingredient designated by IARC, NTP, ACGIH or OSHA as probable or suspected human carcinogens.

IARC : No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA : No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

NTP : No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

## Reproductive toxicity

No information available

## Specific target organ toxicity - single exposure

Respiratory system

## Specific target organ toxicity - repeated exposure

Respiratory system

## Aspiration hazard

No information available

## Additional Information

RTECS: Not available

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

## SECTION 12: Ecological information

### 12.1 Ecotoxicity

No additional information.

### 12.2 Persistence and degradability

Insoluble in water.

### 12.3 Bioaccumulative potential

No additional information.

### 12.4 Mobility in soil

No additional information.

### 12.5 Other adverse effects (such as hazardous to the ozone layer)

No additional information.

## SECTION 13: Disposal considerations

### Waste disposal recommendations:

Contact a licensed professional waste disposal service to dispose of this material. Dispose of empty containers as unused product. Product or containers must not be disposed with household garbage.

Waste disposal shall meet the requirements of relevant national and local regulations.

## SECTION 14: Transport information

### UN number:

ADR, ADN, DOT, IMDG, IATA : Not Regulated.

Proper shipping Name : Not Regulated.

Transport hazard class(es) : None.

Packing group, if applicable : Not Regulated.

### Environmental hazards:

Marine Pollutant (if applicable) : No

Transport in bulk : No additional information

Special precautions : No additional information

## SECTION 15: Regulatory information

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

Component	CAS No	TSCA
Kieselguhr	61790-53-2	Listed - ACTIVE

# SAFETY DATA SHEET

per OSHA HazCom 2012

---

## 15.2 National regulations

No additional information available.

## 15.3 Other regulations

Waste disposal shall meet the requirements of relevant national and local regulations.

## SECTION 16: Other information

Copyright Cole-Parmer Instruments LLC. License granted to make paper copies for internal use. The information contained in this Safety Date Sheet is based on the present state of our knowledge. The information contained in this document should be used only as a guide for appropriate safety precautions and should not be considered to be all inclusive. Users should make their own investigation to determine the suitability of the information for their particular purposes. The document does not represent any guarantee of the properties of the product. Cole-Parmer and its affiliates shall not be held liable for any damage resulting from the handling or use of the product.

Effective date: 3/26/2018

Last updated: 9/13/2021