

SAFETY DATA SHEET

SDS No.1010-24145

Date

June 6, 2014

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1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : TC-1701 0.25MM×30M DF=1.0
NAME OF MANUFACTURER : GL Sciences Inc.
ADDRESS : 22-1 Nishishinjuku 6-chome Shinjuku-ku Tokyo 163-1130, Japan
CHARGE SECTION : International Sales Section
TELEPHONE No. : +81-3-5323-6620
FACSIMILE No. : +81-3-5323-6621
PRODUCT No. : 1010-24145
SDS No. : 1010-24145

Research use only.

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATION : Classification not possible
HAZARDS SYMBOL : - - -
SIGNAL WORD : - - -
HAZARD STATEMENTS : - - -
PRECAUTIONARY STATEMENTS : - - -
OTHER INFORMATIONS : Stable under recommended using condition.
Dropping or bumping may induce shreds and fragments and/or dusts by external shocks.
Dispose of contents/container in accordance with all applicable regulations.
MOST IMPORTANT HAZARDS : No data available

3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL IDENTITY : See in the table below
SYNONYMS : - - -

CHEMICAL IDENTITY	Fused silica capillary tube	Polyimide	Cyanopropylphenyl dimethylpolysiloxane
CONTENT	-	-	100%
CHEMICAL FORMULA	SiO	-	$[-O-Si(C_6H_5)(CH_2)_3CN-]_n$ $[-O-Si(CH_3)_2-]_m$
CAS No.	60676-86-0	-	Not established
TSCA INVENTORY	Listed	-	Listed
EINECS No.	262-373-8	-	Not established
EC INDEX No.	Not established	-	Not established

4. FIRST AID MEASURES

GENERAL ADVICE : If fragments/respirable dust contacts with eyes or skins, wash off immediately with soap and plenty of water. In the case of respirable dust and/or fumes, use self-contained breathing apparatus and dust impervious protective suit. Use personal protective equipment. If irritation persists, consult a physician.

INHALATION : Move victim to fresh air. If breathing is difficult, give oxygen.

SKIN CONTACT : Remove contaminated clothes and shoes, rinse skin with plenty of water or shower. Use soap to help assure removal. If irritation persists, consult a physician.

EYE CONTACT : If fragments/respirable dust contact with eyes, DO NOT rub eyes. Immediately, flush eyes carefully with flooding large amounts of running water for at least 15 minutes. Assure adequate flushing by separating the eyelids with sterile fingers. If irritation persists, consult a physician.

INGESTION : Rinse mouth and gargle. Never give anything by mouth to an unconscious person. Consult a physician.

5. FIRE FIGHTING MEASURES

- EXTINGUISHING MEDIA : Carbon dioxide, dry chemical powder, foam, water spray
- FIRE & EXPLOSION HAZARDS : Toxic and irritating dust, fumes or smoke may be emitted.
- SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS : Fireman should wear normal protective equipment (full bunker gear) and positive-pressure self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

- PERSONAL PRECAUTIONS : Remove ignition sources and ventilate the area.
In case of insufficient ventilation, wear suitable respiratory equipment.
Avoid raising dust and avoid contact with skin and eyes.
- ENVIROMENTAL PRECATIONS : Waist the fragments/respirable dusts in accordance with all applicable regulations.
- METHODS FOR CLEANING UP : Do not touch fragments/respirable dusts without suitable protection. After material is completely picked up, wash the spill site with soap and water and ventilate the area. Pull all wastes in a plastic bag for disposal and seal it tightly. Remove, clean, or dispose contaminated clothing.

7. HANDLING AND STORAGE

- HANDLING : Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure. Handle this product with appropriate protective equipments.
- STORAGE : Store away from sunlight in well-ventilated dry place at room temperature.
Keep the product in a original box after use it.
- INCOMOPATIBLE PRODUCTS : No special instruction

8. EXPOSURE CONTROL/PERSONAL PROTECTION

- ENGINEERING MEASURES : Use exhaust ventilation to keep airborne concentrations below exposure limits.
Use adequate ventilation.
- VENTILATION : Local Exhaust ; Necessary, Mechanical(General) ; Recommended
- PERSONAL PROTECTION
 - RESPRATORY PROTECTION : Half or full face piece respirator, self-contained breathing apparatus, supplied air respirator, etc. Use respirators approved under appropriate government standards and follow all regulations.
 - HAND PROTECTION : Chemical resistant gloves
 - EYE PROTECTION : Safety glasses(goggles)
 - SKIN PROTECTION : Protective clothing
- CONTROL PARAMETERS
 - OSHA PEL : Not established
 - NIOSH REL : Not established
 - ACGIH : Not established

9. PHYSICAL AND CHEMICAL PROPERTIES

- APPEARANCE : Polyimide: brown, Fused Silica Tube: colorless, TC-1701: colorless
- SHAPE : Tiny tube
- ODOR : Odorless
- pH : No data available
- BOILING POINT : No data available
- MELTING POINT : No data available
- FLASH POINT : No data available
- FLAMMABILITY : No data available
- AUTOIGNITION TEMPERATURE : No data available
- VAPOR PRESSURE : No data available
- SPACIFIC GRAVITY (DENSITY) : No data available
- SOLUBILITY IN : Insoluble
- DECOMPOSITION TEMPERATURE : Not available

10. STABILITY AND REACTIVITY

- REACTIVITY : Stable under recommended storage conditions.
- CHEMICAL STABILITY : Stable under recommended storage conditions.
- CONDITION TO AVOID : No data available
- INCOMPATIBLE MATERIALS : No special instructions

HAZARDOUS DECOMPOSITION PRODUCTS: No data available

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY : No data available

SKIN CORROSION/IRRITATION : No data available

EYE DAMAGE/EYE IRRITATION : No data available

RESPIRATORY OR SKIN SENSITIZATION

: No data available

GERM CELL MUTAGENICITY : No data available

CARCINOGENICITY : No data available

REPRODUCTIVE TOXICITY : No data available

SPECIFIC TARGET ORGAN TOXICITY

: No data available

ASPIRATION TOXICITY : No data available

ADDITIONAL INFORMATION

NTP : Not listed

IARC : Not listed

OSHA : Not listed

ACGIH : Not listed

12. ECOLOGICAL INFORMATION

ECOTOXICITY : No data available

BIODEGRADABILITY : No data available

BIOACCUMULATION POTENTIAL : No data available

MOBILITY IN SOIL : No data available

OTHER ADVERSE EFFECTS : Not listed in Montreal Protocol list.

13. DISPOSAL INFORMATION

Dispose in a hazardous-waste site in accordance with all applicable regulations. Any disposal practice must be in compliance with country, local, state, and federal laws and regulations (contact country, local or state environment agency for specific rules).

14. TRANSPORT INFORMATION

IATA : Not dangerous goods

ADR/RID : Not dangerous goods

DOT(Department of Transportation) : Not dangerous goods

MARINE POLLUTANT : Not classified

15. REGULATORY INFORMATION

US REGULATIONS : Labeling according to EC Directives; See section 2

EU REGULATIONS : Labeling according to EC Directives; See section 2

16. OTHER INFORMATION

NOTICE:

The information contained in the SDS description is applicable exclusively to the chemical substance identified herein and for its intended use as an analytical reference standard or reagent and to the unit quantity intended for that purpose. The information does not relate to, and may not be appropriate for, any application or larger quantity of the substance described. Our products are intended for the use by individuals possessing sufficient technical skill and qualification on use the material potential hazardous chemical. Accordingly, no representation or warranty, express or implied, with respect to merchantability and fitness for a particular purpose is made with respect to the information contained herein.

Attention:

This product in terms of chemical identity and the unit amount provide is intended for use in chemical analysis and not for human consumption, nor any other purpose.