



SAFETY DATA SHEET

Prepared in accordance with the United States Hazard Communication Standard: 29 CFR 1910.1200 (2012)

Revision date: 20-May-2015

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product name: CAB-O-SIL® CT-1221 Fumed Silica

Product code: CT1221

Synonyms: Silicon Dioxide, Synthetic Amorphous Silica, Pyrogenic (Fumed) Amorphous Silica

Recommended use: Various, Rheological control, Thickening agent, Flow agent, Reinforcing agent in: Coatings, Other

Restrictions on use: Not Applicable.

Supplier:

| | |
|--|---|
| Cabot Corporation 4400 North Point Parkway Suite 200 Alpharetta, Georgia 30022 United States Tel: +1 678 297 1300 | Cabot Corporation 157 Concord Road Billerica, MA 01821 UNITED STATES Tel: 1-978-663-3455 Fax: 1-978-670-6955 |
|--|---|

Emergency Telephone Number: 24H/7d service
Canada: CANUTEC 1-613-996-6666
US: CHEMTREC 1-800-424-9300 or 1-703-527-3887
Germany: CHEMTREC 0800-181-7059
UK: CHEMTREC: (+44)-870-8200418
CHEMTREC China: 4001-204937
International CHEMTREC: +1 703-741-5970 or +1-703-527-3887

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status: This chemical is considered hazardous by the United States 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Combustible dust

Label Elements

Pictogram: None
Signal Word: WARNING

Hazard statements: May form combustible dust concentrations in air

Precautionary Statements - Prevention

- Keep away from all ignition sources including heat, sparks and flame
- Prevent dust accumulations to minimize explosion hazard

Hazards not otherwise classified (HNOC)

Do not expose to temperatures above 150°C. Hazardous products of combustion can include carbon monoxide, carbon dioxide and nitrogen oxides (NOx).

Potential health effects

Principle Routes of Exposure: Inhalation, Skin Contact, Eye contact

Eye Contact: May cause mechanical irritation. Avoid contact with eyes.

Skin Contact: May cause mechanical irritation and skin drying. Avoid contact with skin. No cases of sensitization in humans have been reported.

Inhalation: Dust may be irritating to respiratory tract. Provide appropriate exhaust ventilation at machinery and at places where dust can be generated. See also Section 8.

Ingestion: Adverse health effects are not expected. See Section 11.

Carcinogenicity: Does not contain any substances greater than 0.1% listed by IARC (International Agency for Research on Cancer), NTP (National Toxicology Program), OSHA (Occupational Safety and Health Administration), ACGIH (American Conference for Governmental Industrial Hygienists) or EU (European Union). See also Section 11.

Target Organ Effects: Lungs, See Section 11

Medical Conditions Aggravated by Exposure: Asthma, Respiratory disorder

Potential Environmental Effects: None known. See Section 12.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms: Silicon Dioxide, Synthetic Amorphous Silica, Pyrogenic (Fumed) Amorphous Silica.

| Chemical name | CAS No | weight-% | Trade secret |
|--|------------|----------|--------------|
| Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)-, hydrolysis products with silica | 68909-20-6 | 100 | - |

Other Information:

The hyphen (-) means "not applicable"

4. FIRST AID MEASURES

FIRST AID MEASURES

| | |
|--------------|---|
| Skin Contact | Wash thoroughly with soap and water. Seek medical attention if symptoms develop. |
| Eye contact | Flush eyes immediately with large amounts of water for 15 minutes. Seek medical attention if symptoms develop. |
| Inhalation | If cough, shortness of breath or other breathing problems occur, move to fresh air. Seek medical attention if symptoms persist. If necessary, restore normal breathing through standard first aid measures. |
| Ingestion | Do not induce vomiting. If conscious, give several glasses of water. Never give anything by mouth to an unconscious person. |

Most important symptoms and effects, both acute and delayed

Symptoms: The most important known symptoms and effects are described in Section 2 and/or in Section 11.

Indication of any immediate medical attention and special treatment needed

Note to physicians: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

| | |
|--|--|
| Suitable Extinguishing Media: | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use foam, carbon dioxide (CO ₂), dry chemical or water spray. A fog is recommended if water is used. |
| Unsuitable Extinguishing Media: | DO NOT USE high pressure media which could cause formation of a potentially explosible dust-air mixture. |
| Specific hazards arising from the chemical: | None. |
| Hazardous combustion products: | Carbon monoxide (CO). Carbon dioxide (CO ₂). Nitrogen oxides (NO _x). |
| Protective equipment and precautions for firefighters: | Wear suitable protective equipment. In the event of fire, wear self-contained breathing apparatus. |
| Risk of Dust Explosion: | Dust may form explosive mixture in air See also Section 9 |

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

| | |
|---------------------------|---|
| Personal precautions: | Avoid dust formation. Ensure adequate ventilation. Use personal protective equipment. See also Section 8. |
| For emergency responders: | Use personal protection recommended in Section 8. |

Environmental Precautions:

Environmental Precautions: Contain spilled product on land, if possible. Local authorities should be advised if significant spillages cannot be contained.

Methods and material for containment and cleaning up

| | |
|--------------------------|---|
| Methods for containment: | Prevent further leakage or spillage if safe to do so. |
| Methods for cleaning up: | If the spilled material contains dust or has the potential to create dust, use explosion-proof vacuums and/or cleaning systems suitable for combustible dusts. Use of a vacuum with high efficiency particulate air (HEPA) filtration is recommended. Do not create a dust cloud by using a brush or compressed air. Dry sweeping is not recommended. See Section 13. |

7. HANDLING AND STORAGEPrecautions for safe handling

| | |
|--------------------------|---|
| Advice on safe handling: | Avoid contact with skin and eyes. Avoid dust formation. Do not breathe dust. Provide appropriate exhaust ventilation at machinery and at places where dust can be generated. Do not create a dust cloud by using a brush or compressed air. Dust may form explosible mixture in air. Take precautionary measures against static discharges. All metal parts of the mixing and processing equipment must be earthed/grounded. Ensure all equipment is electrically earthed/grounded before beginning transfer operations. Fine dust is capable of penetrating electrical equipment and may cause electrical shorts. |
|--------------------------|---|

Conditions for safe storage, including any incompatibilities

| | |
|---------------------|---|
| Storage Conditions: | Keep containers tightly closed in a dry and well-ventilated place. Do not store together with volatile chemicals as they may be adsorbed onto product. Store at ambient conditions. Keep away from heat and sources of ignition. Keep in properly labeled containers. |
|---------------------|---|

Dust deposits should not be allowed to accumulate on surfaces, as these may form an explosible mixture if they are released in the atmosphere in sufficient concentrations.

| | |
|-------------------------|-------------|
| Incompatible materials: | None known. |
|-------------------------|-------------|

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

| | |
|----------------------|---|
| Exposure guidelines: | The table below is a summary. Please see the specific legislation for complete information. |
|----------------------|---|

| | | |
|--|-------------------|---|
| Amorphous Silica, The regulatory exposure limits are found under the general silica, CAS RN 7631-86-9: | Australia: | 2 mg/m ³ , TWA, Respirable |
| | Austria MAK | 4 mg/m ³ , TWA, Inhalable fraction |
| | Finland: | 5 mg/m ³ |
| | Germany TRGS 900: | 4 mg/m ³ , TWA, Inhalable fraction |
| | India: | 10 mg/m ³ , TWA |
| | Ireland: | 2.4 mg/m ³ , TWA, Respirable dust |
| | Norway: | 1.5 mg/m ³ , TWA, Respirable dust |
| | Switzerland: | 4 mg/m ³ , TWA |
| | UK WEL: | 6 mg/m ³ , TWA, Inhalable fraction 2.4 mg/m ³ , TWA, Respirable fraction |
| | US OSHA PEL: | 6mg/m ³ (54 FR2701) |

| | | |
|--|------------------|--|
| Dust, or Particulates Not Otherwise Specified: | Belgium: | 10 mg/m ³ , TWA, Inhalable 3 mg/m ³ TWA, Respirable |
| | China: | 8 mg/m ³ , TWA 10 mg/m ³ , STEL |
| | France: | 10 mg/m ³ , TWA Inhalable dust 5 mg/m ³ , TWA Respirable dust |
| | Italy: | 10 mg/m ³ , TWA, Inhalable 3 mg/m ³ , TWA, Respirable |
| | Malaysia: | 10 mg/m ³ , TWA, Inhalable 3 mg/m ³ , TWA, Respirable |
| | Spain: | 10 mg/m ³ , VLA, Inhalable 3 mg/m ³ , VLA, Respirable |
| | US ACGIH - PNOS: | 10 mg/m ³ , TWA, Inhalable 3 mg/m ³ , TWA, Respirable |
| | US OSHA - PEL: | 15 mg/m ³ , TWA, Total dust 5 mg/m ³ , TWA, Respirable |

NOTE:

In its facilities globally, Cabot Corporation manages silica to the Germany TRGS 900 occupational exposure limit of 4 mg/m³, TWA, Inhalable fraction

MAK: Maximale Arbeitsplatzkonzentration (Maximum Workplace Concentration)

PEL: Permissible Exposure Limit

PNOS: Particulate Not Otherwise Specified

STEL: Short Term Exposure Limit

TRGS: Technische Regeln für Gefahrstoffe (Technical Rule for Hazardous Materials)

TWA: Time Weighted Average

US ACGIH: United States American Conference of Governmental Industrial Hygienists

US OSHA: United States Occupational Safety and Health Administration

VLA: Valore Limite Ambientale (Environmental Limit Value)

WEL: Workplace Exposure Limit

Engineering Controls: Ensure adequate ventilation to maintain exposures below occupational limits. Provide appropriate local exhaust ventilation at machinery and at places where dust can be generated.

Personal protective equipment [PPE]

Respiratory Protection: Approved respirator may be necessary if local exhaust ventilation is not adequate.

Hand Protection: Wear protective gloves to prevent skin drying. Use protective barrier cream before handling the product. Wash hands and other exposed skin with mild soap and water.

Eye/face Protection: Wear eye/face protection. Wear safety glasses with side shields (or goggles).

Skin and Body Protection: Wear suitable protective clothing. Wash clothing daily. Work clothing should not be allowed out of the workplace.

Other: Handle in accordance with good industrial hygiene and safety practice. Emergency eyewash and safety shower should be located nearby.

Environmental exposure controls: In accordance with all local legislation and permit requirements as applicable for dusts.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information given is based on data obtained from similar product.

| | | | |
|-----------------|--------|-----------------|--------------------------|
| Physical State: | Solid | Odor: | None. |
| Appearance: | Powder | Odor threshold: | No information available |
| Color: | White | | |

| <u>Property</u> | <u>Values</u> | <u>Remarks • Method</u> |
|--|---------------------------|---|
| pH: | | No information available |
| Melting point/freezing point: | 1700 °C | NIOSH Pocket Guide to Chemical Hazards |
| Boiling point / boiling range: | 2230 °C | NIOSH Pocket Guide to Chemical Hazards |
| Evaporation Rate: | | Not Applicable |
| Vapor pressure: | | Not Applicable |
| Vapor Density: | | Not Applicable |
| Density: | 2.2-2.3 g/cm ³ | @ 20 °C |
| Bulk Density: | <5 lbs/ft ³ | DIN/ISO 787:11 Based on similar substance |
| Specific Gravity at 20°C: | 2.2-2.3 | |
| Water solubility: | | No information available |
| Solubility(ies): | | No information available |
| Partition Coefficient (n-octanol/water): | | Not Applicable |
| Decomposition temperature: | > 321 °C | Bulk Powder test- Diffusion cell |
| Viscosity: | | Not Applicable |
| Kinematic viscosity: | | Not Applicable |
| Dynamic viscosity: | | Not Applicable |
| Oxidizing Properties: | | No oxidizing properties |
| Softening point: | | Not Applicable |
| VOC content (%): | | Not Applicable |
| % Volatile (by Volume): | | Not Applicable |
| % Volatile (by Weight): | | Not Applicable |
| Surface Tension: | | Not Applicable |
| Explosive properties: | | Dust may form explosible mixture in air |
| Flash Point: | | Not Applicable |
| Flammability (solid, gas): | | No information available |
| Flammability Limit in Air: | | |
| Explosion Limits in Air - Upper (g/m ³): | | No information available |
| Explosion Limits in Air - Lower (g/m ³): | | No information available |
| Autoignition Temperature: | | No information available |
| Minimum Ignition Temperature: | 580-600 °C | ASTM E-1491 Dust cloud |
| Minimum Ignition Energy: | > 10 J | BS 5958 (Part 1, 1991) |
| Ignition Energy: | | No information available |

| | | |
|--------------------------------------|------------------------|--------------------------------|
| Maximum Absolute Explosion Pressure: | 4.62 bar | ASTM E-1226 (20-L Sphere Test) |
| Maximum Rate of Pressure Rise: | 66 bar/sec | ASTM E-1226 (20-L Sphere Test) |
| Burn Velocity: | | No information available |
| Kst Value: | 18 bar.meter/second | ASTM E-1226 (20-L Sphere Test) |
| Dust Explosion Classification: | ST1 | Weak Explosion; ASTM E-1226 |

End point is listed "not applicable" due to the inherent properties of the substance
 "No information available" indicates testing has not been performed

10. STABILITY AND REACTIVITY

| | |
|-------------------------------------|---|
| Reactivity: | Not reactive. |
| Stability: | Stable under recommended handling and storage conditions. Bulk Powder test- Diffusion cell. Onset Temperature: 321 °C. |
| Possibility of hazardous reactions: | None under normal processing. |
| Hazardous polymerization: | Hazardous polymerization does not occur. |
| Conditions to avoid: | Do not expose to temperatures above 150°C. Keep away from heat and sources of ignition. Avoid dust formation. |
| Incompatible materials: | None known. |
| Explosion data | See also Section 9. |
| Sensitivity to Mechanical Impact: | None. |
| Sensitivity to Static Discharge: | Dust may form explosible mixture in air. Avoid dust formation. Do not create a dust cloud by using a brush or compressed air. Take precautionary measures against static discharges. All metal parts of the mixing and processing equipment must be earthed/grounded. Ensure all equipment is electrically earthed/grounded before beginning transfer operations. |
| Hazardous decomposition products: | Carbon monoxide (CO). Carbon dioxide (CO ₂). Nitrogen oxides (NO _x). |

11. TOXICOLOGICAL INFORMATION

Information given is based on data obtained from this substance or from similar substances.

Acute toxicity

| | |
|------------------|---|
| Oral LD50: | LD50/oral/rat = > 5000 mg/kg. No deaths occurred and no signs of toxicity were seen during the observation periods after single oral administration of the substance. (OECD 423). |
| Inhalation LC50: | Due to the product's physical characteristics, no suitable testing procedure is available |
| Dermal LD50: | No data are available on the product itself. |
| | Synthetic Amorphous Silica. LD50/dermal/rabbit = > 2000 mg/kg. Very slight transient erythema in one animal. No signs of systemic or organ toxicity (OECD 402). |

| | |
|--|--|
| Skin corrosion/irritation: | Primary irritation index = 0.0 @ 24 hr. Not classified as an irritant (OECD 404) |
| Serious eye damage/eye irritation: | Not classified as an irritant in rabbit studies (OECD 405). High dust concentrations may cause mechanical irritation. |
| Sensitization: | No experimental animal data are available. No cases of sensitization in humans have been reported. |
| Mutagenicity: | Not mutagenic in Ames test. Negative in the chromosome aberration test in Chinese hamster ovary (CHO) cells. |
| Carcinogenicity: | No data are available on the product itself. Synthetic Amorphous Silica. No evidence of carcinogenicity was observed in multiple animal species following repeated oral or inhalation exposure to amorphous silica. Similarly, epidemiology studies show no evidence of carcinogenicity in workers who manufacture amorphous silica. |
| Reproductive and Developmental Toxicity: | No effects on reproductive organs or fetal development have been reported in animal toxicity studies. |
| STOT - single exposure: | Specific target organ toxicity is not expected after single oral, single inhalation, or single dermal exposure. |
| STOT - repeated exposure: | No data are available on the product itself. Treated Synthetic Amorphous Silica: Repeated dose toxicity: oral (rat), 28-d, diet, no significant treatment-related adverse effects at the doses tested. Derived No Adverse Effects Level (NOAEL) in the range of 1000 mg/kg/d. Synthetic Amorphous Silica: Repeated dose toxicity: oral (rat), 2 weeks to 6 months, no significant treatment-related adverse effects at doses of up to 8% silica in the diet. Repeated dose toxicity: inhalation (rat), 13 weeks, Lowest Observed Effect Level (LOEL) = 1.3 mg/m ³ based on mild reversible effects in the lungs. Repeated dose toxicity: inhalation (rat), 90 days, LOEL = 1 mg/m ³ based on reversible effects in the lungs and effects in the nasal cavity. Based on available data, a STOT-RE classification is not warranted. |
| Aspiration Hazard: | Based on industrial experience and available data, no aspiration hazard is expected. |

12. ECOLOGICAL INFORMATION

Information given is based on data from similar substances.

| | |
|-------------------|---|
| Aquatic Toxicity: | Fish (Brachydanio rerio) LC50 (96 h): > 10,000 mg/l; (Method: OECD 203) No acute toxicity to Daphnia with EL and EL ₅₀ ranging from >1000 to 10,000 mg/L (OECD 202) |
|-------------------|---|

ENVIRONMENTAL FATE

| | |
|---|---|
| Persistence and degradability | The methods for determining biodegradability are not applicable to inorganic substances |
| Bioaccumulation | Not expected due to physicochemical properties of the substance. |
| Mobility: | Not expected to migrate. |
| Distribution to Environmental Compartments: | No information available. |
| Other adverse effects: | No information available. |

13. DISPOSAL CONSIDERATIONS

Disclaimer: Information in this section pertains to the product as shipped in its intended composition as described in Section 3 of this MSDS. Contamination or processing may change waste characteristics and requirements. Regulations may also apply to empty containers, liners or rinsate. State/provincial and local regulations may be different from federal regulations. The person generating waste must determine its proper classification

| | |
|------------------------------------|--|
| RCRA: | Unused product is not a hazardous waste under U.S. RCRA, 40 CFR 261. |
| Unused and Uncontaminated Product: | Product, as supplied, should be disposed of in accordance with the regulations issued by the appropriate federal, state and local authorities. Same consideration should be given to containers and packaging. |

14. TRANSPORT INFORMATION

DOT

| | |
|----------------------|---------------|
| UN/ID no | Not regulated |
| Proper Shipping Name | Not regulated |
| Hazard Class | Not regulated |
| Packing group | Not regulated |

ICAO (air)

| | |
|----------------------|---------------|
| UN/ID no | Not regulated |
| Proper Shipping Name | Not regulated |
| Hazard Class | Not regulated |
| Packing group | Not regulated |

IATA

| | |
|----------------------|---------------|
| UN/ID no | Not regulated |
| Proper Shipping Name | Not regulated |
| Hazard Class | Not regulated |
| Packing group | Not regulated |

IMDG

| | |
|----------------------|---------------|
| UN/ID no | Not regulated |
| Proper Shipping Name | Not regulated |
| Hazard Class | Not regulated |
| Packing group | Not regulated |

RID

| | |
|----------------------|---------------|
| UN/ID no | Not regulated |
| Proper Shipping Name | Not regulated |
| Hazard Class | Not regulated |
| Packing group | Not regulated |

ADR

| | |
|----------------------|---------------|
| UN/ID no | Not regulated |
| Proper Shipping Name | Not regulated |
| Hazard Class | Not regulated |
| Packing group | Not regulated |

| |
|----------------------------|
| 15. REGULATORY INFORMATION |
|----------------------------|

Hazard Classification

United States - OSHA (29 CFR 1910.1200): Hazardous

Canada - WHMIS Classification (CPR, SOR/88-66): Not controlled

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the M/SDS contains all the information required by the Controlled Products Regulations.

International Inventories

| | |
|--|----------|
| TSCA - United States Toxic Substances Control Act Section 8(b) Inventory | Complies |
| DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List | Complies |
| EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances | Complies |
| ENCS - Japan Existing and New Chemical Substances | Complies |
| IECSC - China Inventory of Existing Chemical Substances | Complies |
| KECL - Korean Existing and Evaluated Chemical Substances | Complies |
| PICCS - Philippines Inventory of Chemicals and Chemical Substances | Complies |
| AICS - Australian Inventory of Chemical Substances | Complies |
| NZIoC - New Zealand Inventory of Chemicals | Complies |
| TCSI - Taiwan Chemical Substance Inventory | Complies |

*US Federal Regulations*TSCA Section 12(b) Export Regulations:

This product does not contain any components that are subject to TSCA 12(b) Export Notification

SARA Section 302 (40 CFR 355) Extremely Hazardous Substances:

No components are listed as extremely hazardous substances under SARA Section 302.

SARA 311/312 Hazard Categories

Acute Health Hazard

NO

| | |
|-----------------------------------|-----|
| Chronic Health Hazard | NO |
| Fire hazard | YES |
| Sudden release of pressure hazard | NO |
| Reactive Hazard | NO |

SARA Section 313 (40 CFR 372) Toxics Release Inventory

Does not contain any of the substances identified under Section 313 as toxic chemicals in excess of the de minimis concentrations necessary to be subject to the supplier notification requirements.

Clean Air Act Amendments of 1990

(CAA, Section 112, 40 CFR 82):

This product does not contain any components listed as a Hazardous Air Pollutant, Flammable Substance, Toxic Substance, or Class 1 or 2 Ozone Depletor

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

*US State Regulations*California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

This product contains a listed component(s) on the Massachusetts Right-to-Know Substances List, New Jersey Right-to-Know List, Pennsylvania Right-to-Know List: Silica (CAS# 7631-86-9)

16. OTHER INFORMATION

Pharmaceutical Use:

Not permitted

Food Additive Use:

Not permitted

References:

NIOSH Pocket Guide to Chemical Hazards, September 2005. "Silica, amorphous". DHHS (NIOSH) Publication No. 2005-149. National Technical Information Service, Springfield, VA. p. 277

Contacts:

Cabot Corporation
700 E U.S. Highway 36
Tuscola, IL 61953-9643
UNITED STATES
Tel: 1-217-253-3370
Fax: 1-217-253-5530

Cabot Corporation
157 Concord Road
Billerica, MA 01821
UNITED STATES
Tel: 1-978-663-3455
Fax: 1-978-670-6955

Cabot GmbH
Kronenstrasse 2
79618 Rheinfelden
GERMANY
Tel (+49) 7623.707.0
Fax: (+49) 7623.707.530

Cabot Carbon, Ltd.
Sully Moors Road
Sully, Glamorgan CF64 5RP
Wales, UNITED KINGDOM
Tel: (+44) 1446.736999
Fax: (+44) 1446.737123

Cabot Corporation
3603 South Saginaw Road
Midland, MI 48640
UNITED STATES
Tel: 1-989-495-0030
Fax: 1-989-495-2139

Cabot Bluestar Ltd.
Xinghuo Industrial Garden
Yongxiu County, Jiujiang City 330319
Jiangxi Province, CHINA
Tel: (86-792) 3171616
Fax: (86-792) 3170320

Disclaimer:

The information set forth is based on information that Cabot Corporation believes to be accurate. No warranty, expressed or implied, is intended. The information is provided solely for your information and consideration and Cabot assumes no legal responsibility for use or reliance thereon. In the event of a discrepancy between the information on the non-English document and its English counterpart, the English version shall supersede.

Prepared by: Cabot Corporation - Safety, Health and Environmental Affairs
Revision date: 20-May-2015

® and 'TM' indicate trademarks of the Cabot Corporation.

End of Safety Data Sheet