



Safety Data Sheet

According to OSHA Communication Standard, 29 CFR 1910.1200

Rapid Set Fiber

SECTION 1: Identification

Product identifier

Product name: Fiber

Product code: 806100000

Recommended use of the product and restriction on use

Relevant identified uses: Synthetic fibers for cement-based products

Uses advised against: Not determined or not applicable.

Reasons why uses advised against: Not determined or not applicable.

Manufacturer or supplier details

Manufacturer:

United States

CTS Cement Manufacturing Corporation

12442 Knott St.

Garden Grove, CA 92841

800-929-3030

info@ctsceement.com

Emergency telephone number:

United States

INFOTRAC 1-800-535-5053

International

INFOTRAC 1-352-323-3500

SECTION 2: Hazard(s) identification

GHS classification:

Combustible dust

Label elements

Signal word: Warning

Hazard statements:

If small particles are generated during further processing, handling or by other means, may form combustible dust concentration in air.

Hazards not otherwise classified:

May form combustible dust concentrations in the air when the product is cut, sanded, sawed, machined or ground.

SECTION 3: Composition/information on ingredients

Identification	Name	Weight %
CAS number: 9003-07-0	Polypropylene	100



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Additional Information:

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of the OSHA Hazard Communication Standard (29 CFR §1910.1200).

SECTION 4: First aid measures

Description of first aid measures

General notes:

No hazards which require special first aid measures.

After inhalation:

Remove to fresh air.

After skin contact:

Remove contaminated clothing and shoes immediately. Wash off immediately with soap and plenty of water.

After eye contact:

Rinse with plenty of water. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. Remove contact lenses. Protect unharmed eye. If eye irritation persists, consult a specialist.

After swallowing:

Clean mouth with water and drink afterwards plenty of water. Do not induce vomiting without medical advice. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

Most important symptoms and effects, both acute and delayed

Acute symptoms and effects:

Not determined or not applicable.

Delayed symptoms and effects:

Not determined or not applicable.

Immediate medical attention and special treatment

Specific treatment:

Treat symptomatically.

Notes for the doctor:

Not determined.

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media:

None known.

Specific hazards during fire-fighting:

Fire residues and contaminated fire-extinguishing water must be disposed of in accordance with local regulations.

Special protective equipment for firefighters:

In the event of fire, wear self-contained breathing apparatus for firefighters.

Special precautions:

None specified.

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Rapid Set Fiber**SECTION 6: Accidental release measures****Personal precautions, protective equipment and emergency procedures:**

None specified.

Environmental precautions:

Local authorities should be advised if significant spillages cannot be contained.

Methods and material for containment and cleaning up:

Keep in suitable, closed containers for disposal.

Reference to other sections:

For waste disposal, see section 13 of the SDS.

SECTION 7: Handling and storage**Precautions for safe handling:**

For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. No special handling advice required. Follow standard hygiene measures when handling chemical products.

Conditions for safe storage, including any incompatibilities:

Keep container tightly closed in a dry and well-ventilated place. Store in accordance with local regulations. No special restrictions on storage with other products.

SECTION 8: Exposure controls/personal protection

Only those substances with limit values have been included below.

Occupational Exposure limit values:

Form of exposure	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Total dust	TWA	15 mg/m ³	OSHA Z-3
Respirable fraction	TWA	5 mg/m ³	OSHA Z-3

Biological limit values:

No biological exposure limits noted for the ingredient(s).

Information on monitoring procedures:

Monitoring of the concentration of substances in the breathing zone of workers or in the general workplace may be required to confirm compliance with an OEL and adequacy of exposure controls. Biological monitoring may also be appropriate for some substances.

Appropriate engineering controls:

Use of adequate ventilation should be sufficient to control worker exposure to airborne contaminants. If the use of this product generates dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.

Personal protection equipment Eye and face protection:

Safety goggles or glasses with side shields, or appropriate eye protection.

Skin and body protection:

Select glove material impermeable and resistant to the substance. Wear appropriate clothing to prevent any possibility of skin contact. Nitrile, butyl rubber or neoprene gloves are recommended.



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Respiratory protection:

Use a properly fitted NIOSH-approved air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. The filter class for the respirator must be suitable for the maximum expected contaminant concentration (gas/vapor/aerosol/particulates) that may arise when handling the product. If this concentration is exceeded, self-contained breathing apparatus must be used.

General hygienic measures:

Wash hands before breaks and immediately after handling the product. Remove contaminated clothing and protective equipment before entering eating areas. Avoid breathing dust.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Solid fibers
Odor	Odorless
Odor threshold	Not available
pH	Not applicable
Melting point/freezing point	320° F / 160° C
Initial boiling point/range	Not applicable
Flash point (closed cup)	721° F / 383° C
Evaporation rate	Not applicable
Flammability (solid, gas)	May form combustible dust concentrations in air during processing, handling, and other means
Upper flammability/explosive limit	Not available
Lower flammability/explosive limit	Not available
Vapor pressure	Not applicable
Vapor density	Not applicable
Bulk Density	0.9 g/cm ³ (68° F/20° C)
Relative density	Not available
Solubilities	Partially soluble
Partition coefficient (n-octanol/water)	Not available
Auto/Self-ignition temperature	759° F / 404° C
Decomposition temperature	Not determined
Dynamic viscosity	Not applicable
Kinematic viscosity	Not applicable
Explosive properties	Not available
Oxidizing properties	Not available



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SECTION 10: Stability and reactivity

Reactivity:

No dangerous reaction known under conditions of normal use.

Chemical stability:

Stable under normal conditions of use and storage.

Possibility of hazardous reactions:

None under normal conditions of use and storage.

Conditions to avoid:

No data available.

Incompatible materials:

None known.

Hazardous decomposition products:

No decomposition if stored and applied as directed.

SECTION 11: Toxicological information

Information on toxicological effects:**Acute toxicity**

Assessment: Based on available data, the classification criteria are not met.

Product data: No data is available.

Substance data: No data is available.

Skin corrosion/irritation

Assessment: Based on available data, the classification criteria are not met.

Product data: No data is available.

Substance data: No data is available.

Serious eye damage/irritation

Assessment: Based on available data, the classification criteria are not met.

Product data: No data is available.

Substance data: No data is available.

Respiratory or skin sensitization

Assessment: Based on available data, the classification criteria are not met.

Product data: No data is available.

Substance data: No data is available.

Carcinogenicity

Assessment: Based on available data, the classification criteria are not met.

Product data: No data is available.

Substance data: No data is available.

International Agency for Research on Cancer (IARC):

Assessment: Based on available data, the classification criteria are not met.

Product data: No data is available.

Substance data: No data is available.



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National Toxicology Program (NTP):

Assessment: Based on available data, the classification criteria are not met.

Product data: No data is available.

Substance data: No data is available.

Germ cell mutagenicity

Assessment: Based on available data, the classification criteria are not met.

Product data: No data is available.

Substance data: No data is available.

Reproductive toxicity

Assessment: Based on available data, the classification criteria are not met.

Product data: No data is available.

Substance data: No data is available.

Specific target organ toxicity (single exposure)

Assessment: Based on available data, the classification criteria are not met.

Product data: No data is available.

Substance data: No data is available.

Aspiration toxicity

Assessment: Based on available data, the classification criteria are not met.

Product data: No data is available.

Substance data: No data is available.

Information on likely routes of exposure:

No data is available.

Symptoms related to the physical, chemical and toxicological characteristics:

No data is available.

Other information:

No data is available.

SECTION 12: Ecological information

Acute (short-term) toxicity

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

Substance data: No data available.

Chronic (long-term) toxicity

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

Substance data: No data available.

Persistence and degradability

Product data: No data available.

Substance data: No data available.

Bioaccumulative potential

Product data: No data available.

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Substance data: No data available.

Mobility in soil

Product data: No data available.

Substance data: No data available.

Other adverse effects: No data available.

SECTION 13: Disposal considerations**Disposal methods:**

Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14: Transport information**United States Transportation of dangerous goods (49 CFR DOT)**

UN number	Not regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

International Maritime Dangerous Goods (IMDG)

UN number	Not regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

International Air Transport Association Dangerous Goods Regulations (IATA-DGR)

UN number	Not regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

SECTION 15: Regulatory information

United States regulations Inventory listing (TSCA): All components are on the US EPA TSCA Inventory List.

Significant New Use Rule (TSCA Section 5): None of the ingredients are listed.



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Export notification under TSCA Section 12(b): None of the ingredients are listed.

SARA Section 302 extremely hazardous substances: None of the ingredients are listed.

SARA Section 311/312 hazardous substances: Refer to SDS section 2 for GHS hazard classes applicable for this product. Combustible dust.

SARA Section 313 toxic chemicals: None of the ingredients are listed.

CERCLA: None of the ingredients are listed.

RCRA: None of the ingredients are listed.

Section 112(r) of the Clean Air Act (CAA): None of the ingredients are listed.

Massachusetts Right to Know: No ingredient regulated by MA Right-to-Know Law present.

New Jersey Right to Know: No ingredient regulated by NJ Right-to-Know Law present.

New York Right to Know: No ingredient regulated by NY Right-to-Know Law present.

Pennsylvania Right to Know: No ingredient regulated by PA Right-to-Know Law present.

California Proposition 65:

L WARNING: Can expose you to n-hexane, a carcinogen and reproductive toxicant.
See www.P65Warnings.ca.gov.

SECTION 16: Other information

Abbreviations and Acronyms:

ACGIH: American Conference of Governmental Industrial Hygienists

ADR: European Road Transport

AU: Australia

CA: Canada

CAS: Chemical Abstracts Service

CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act

CN: China

CPR: Controlled Products Regulations

DFG: Deutsche Forschungsgemeinschaft

DOT: Department of Transportation

DSL: Domestic Substances List

EEC: European Economic Community

ECHA: European Chemicals Agency

EINECS: European Inventory of Existing Commercial Chemical Substances

EPA: Environmental Protection Agency

EU: European Association

IARC: International Agency for Research on Cancer

IMDG: International maritime dangerous goods code

IATA: International Air Transport Association

ICAO: International Civil Aviation Organization

JP: Japan

COD: Chemical Oxygen Demand



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BOD5: 5-day biochemical oxygen demand
BCF: Bioconcentration factor
LD50: Lethal Dose 50
CL50: Lethal Concentration 50
EC50: Effective concentration 50
Log-POW: Octanol-water partition coefficient
Koc: Partition coefficient of organic carbon
Know: Octanol/water partition coefficient
KR: Korea
LEL: Lower Explosive Limit
UEL: Upper Explosive Limit
NIOSH: National Institute for Occupational Safety and Health Administration
PH: Philippines
RCRA: Resource Conservation and Recovery Act
OSHA: Occupational Safety and Health Administration
RID: European Rail Transport
SARA: Superfund Amendments and Reauthorization Act
STEL: Short Term Exposure Limit
TDG: Transportation of Dangerous Goods
TSCA: Toxic Substances Control Act
TWA: Time Weighted Average
US: United States

Disclaimer:

This product has been classified in accordance with OSHA HCS 2012 guidelines. The information provided in this SDS is correct, to the best of our knowledge, based on information available. The information given is designed only as a guidance for safe handling, use, storage, transportation and disposal and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials, unless specified in the text. The responsibility to provide a safe workplace remains with the user.

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HMIS: 0-2-0

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End of Safety Data Sheet