



SAFETY DATA SHEET

1. Identification

Product identifier Rapid Set Fiber

Other means of identification

Product code 806100000

Recommended use Industrial use.

Recommended restrictions None known.

Manufacturer/Importer/Supplier/Distributor information

Company name CTS Cement Manufacturing Corporation

Address 12442 Knott Street
Garden Grove, CA 92841
United States

Telephone 1-800-929-3030

E-mail info@ctscement.com

Contact person Safety Officer

Emergency telephone number 1-800-929-3030 (8 AM - 5 PM)

2. Hazard(s) identification

Physical hazards Not classified.

Health Hazards Not classified.

Not classified.

OSHA defined hazards

Label elements

No symbol

Signal word No signal word

Hazard statement N/A.

Precautionary statement

Prevention N/A

Response N/A

Storage Store in dry container and location.

Disposal Dispose of waste and residues in accordance with local authority requirements.

Hazard(s) not otherwise classified (HNOC) None known.

3. Composition/information on ingredients

Mixtures

Chemical name	CAS number	%
Polypropylene	9003-07-0	> 60

Composition comments All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

4. First-aid measures

Inhalation	Leave area to breathe fresh air. Avoid further overexposures. Call a physician if symptoms develop or persist.
Skin contact	No known applicable information.
Eye contact	Do not rub eyes. Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.
Ingestion	Not applicable under normal conditions of use.
Most important symptoms/effects, acute and delayed	Not applicable under normal conditions of use.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
General information	If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

5. Fire-fighting measures

Suitable extinguishing media	Use dry chemical powder. Carbon dioxide (CO2) and foam.
Unsuitable extinguishing media	
Specific hazards arising from the chemical	Emits toxic fumes of carbon monoxide, organics when burning.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire fighting equipment/instructions	Move containers from fire area if you can do so without risk.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	No unusual fire or explosion hazards noted.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	For personal protection, see section 8 of the SDS.
Methods and materials for containment and cleaning up	N/A
Environmental precautions	Not classified as hazardous waste. Dispose of in accordance with Federal, State, and local regulations.

7. Handling and storage

Precautions for safe handling	Wear appropriate personal protective equipment. Observe good industrial hygiene practices.
Conditions for safe storage, including any incompatibilities	Store in dry container and location. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value	Form
Polypropylene (CAS#9003-07-0)	PEL	15 mg/m3	Total Dust
	PEL	5 mg/m3	Respirable particles
	TWA	15 mg/m3	Total Dust
	TWA	5 mg/m3	Respirable particles

US. ACGIH Threshold Limit Values

Components	Type	Value	Form
Polypropylene (CAS#9003-07-0)	TWA	3 mg/m3	Respirable particles
	TWA	10 mg/m3	Inhalable particles

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

Appropriate engineering controls Not required under normal conditions of use.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses or goggles with side shields.

Skin protection

Hand protection Wear appropriate impervious gloves, nitrile or rubber gloves.

Other N/A.

Respiratory protection Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

Appearance

Physical state Solid.

Form Fiber.

Color White

Odor Odorless.

Odor threshold Not available.

pH Not available

Melting point/freezing point Not available

Initial boiling point and boiling range Not available

Flash point 600°C (316°F)

Evaporation rate Not applicable.

Flammability (solid, gas) Not available .

Upper/lower flammability or explosive limits

Flammability limit - lower (%) Not available

Flammability limit - upper (%) Not available

Vapor pressure Not applicable.

Vapor density Not applicable.

Relative density Not available

Solubility(ies)

Solubility (water) Not available

Partition coefficient (n-octanol/water) Not applicable.

Auto-ignition temperature Not applicable.

Decomposition temperature Not available

Viscosity Not applicable.

Other information

Specific Gravity 0.92.

Partition coefficient (oil/water) Not applicable.

VOC (Weight %) 0 g/l when mixed with water

10. Stability and reactivity

Reactivity The product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability Material is stable under normal conditions.

Possibility of hazardous reactions No dangerous reaction known under conditions of normal use.

Conditions to avoid None.

Incompatible materials Strong oxidizing agents, acids.

Hazardous decomposition products Carbon monoxide and other organics when burning.

11. Toxicological information**Information on likely routes of exposure**

Inhalation Inhalation of dusts may cause respiratory irritation. Prolonged inhalation may be harmful.

Skin contact Causes skin irritation.

Eye contact Flush with water for 15 minutes. If irritation persists get medical attention.

Ingestion Not applicable under normal conditions of use.

Symptoms related to the physical, chemical and toxicological characteristics Not applicable under normal conditions of use.

Information on toxicological effects

Acute toxicity None.

Skin corrosion/irritation Causes skin irritation, itching, swelling, redness, and pain.

Serious eye damage/eye irritation	No data available.
Respiratory or skin sensitization	
Respiratory sensitization	No data available.
Skin sensitization	No data available.
Germ cell mutagenicity	This product has not been tested for human and animal effects. This product is not expected to be toxic to humans or animals.
Reproductive toxicity	No data available.
Specific target organ toxicity - single exposure	No data available.
Specific target organ toxicity - repeated exposure	No data available.
Aspiration hazard	Due to the physical form of the product it is not an aspiration hazard.

12. Ecological information

Ecotoxicity	Not expected to be ecotoxic.
Persistence and degradability	No data is available on the degradability of this product.
Bioaccumulative potential	No data available.
Mobility in soil	No data available.
Other adverse effects	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

Disposal instructions	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.
Local disposal regulations	Dispose in accordance with all applicable regulations.
Hazardous waste code	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Waste from residues / unused products	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport information

DOT	- Not regulated as dangerous goods.
IATA	- Not regulated as dangerous goods.
IMDG	- Not regulated as dangerous goods.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.

15. Regulatory information

US federal regulations	
TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)	Not regulated.
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)	Not listed.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

Superfund Amendments and Reauthorization Act of 1986

(SARA) Hazard categories Immediate Hazard - Yes
 Delayed Hazard - No
 Fire Hazard - No
 Pressure Hazard - No
 Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical Yes
 Citric Acid

SARA 313 (TRI reporting)

Not listed.

Other federal regulations**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA) Not regulated.

US state regulations**US. Massachusetts RTK - Substance List**

Not regulated.

US. New Jersey Worker and Community Right-to-Know Act

Polypropylene (CAS#9003-07-0)

US. Pennsylvania Worker and Community Right-to-Know Law

Polypropylene (CAS#9003-07-0)

US. Rhode Island RTK

Not regulated.

US. California Proposition 65**US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance**

Not listed.

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	No

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date 19-June-2018
Revision date -
Version # 01
HMIS® ratings Health: 0
 Flammability: 1
 Physical hazard: 0

Disclaimer CTS Cement Manufacturing Corporation cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.