



MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Material name SUPER THIN™
Version # 07
Revision date 01-December-2009
Chemical description Acrylic polymer in an aqueous solution
CAS # Mixture
Company CETCO
Construction Drilling Products
2870 Forbs Avenue
Hoffman Estates, IL 60192 US
safetydata@amcol.com
<http://www.constructiondrilling.com/>
General Information (800) 527-9948
CHEMTREC® (800) 424-9300

2. Hazards Identification

OSHA regulatory status This product is considered not hazardous under 29 CFR 1910.1200 (Hazard Communication).
Potential health effects
Eyes This product may cause slight irritation to the eyes. Symptoms include itching, burning, redness and tearing.
Skin Prolonged exposure may cause skin irritation.
Inhalation Inhalation of vapors or mists of the product may be irritating to the respiratory system.
Ingestion Ingestion of large amounts may produce gastrointestinal disturbances including irritation, nausea, and diarrhea.

3. Composition / Information on Ingredients

The manufacturer lists no ingredients as hazardous according to OSHA 29 CFR 1910.1200.

Composition comments This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

4. First Aid Measures

First aid procedures
Eye contact Flush eyes with water as a precaution. Get medical attention if irritation develops or persists.
Skin contact Wash off immediately with soap and plenty of water. Get medical attention if irritation develops or persists.
Inhalation Remove to fresh air. Call a physician if symptoms develop or persist.
Ingestion If the material is swallowed, get immediate medical attention or advice -- Do not induce vomiting.
General advice If you feel unwell, seek medical advice (show the label where possible).

5. Fire Fighting Measures

Flammable properties None known.
Extinguishing media
Suitable extinguishing media Dry chemical, CO₂, water spray or regular foam. Use any media suitable for the surrounding fires.
Protection of firefighters
Protective equipment and precautions for firefighters Cool containers with flooding quantities of water until well after fire is out.
Hazardous combustion products None known.

6. Accidental Release Measures

Personal precautions Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
Environmental precautions Do not flush into surface water or sanitary sewer system.

Methods for containment Stop leak if you can do so without risk.
Methods for cleaning up Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container.

7. Handling and Storage

Handling Use this product with adequate ventilation.
Storage Keep in a dry, cool and well-ventilated place. Freezing will affect the physical condition but will not damage the material. Thaw and mix before using.

8. Exposure Controls / Personal Protection

Engineering controls Good general ventilation should be sufficient to control airborne levels. Ventilation should effectively remove and prevent buildup of any vapor/mist/fume/dust generated from the handling of this product. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

Personal protective equipment

Eye / face protection Wear chemical goggles and face shield.
Skin protection Wear appropriate chemical resistant gloves. Wear appropriate chemical resistant clothing.
Respiratory protection No personal respiratory protective equipment normally required. If ventilation is not sufficient to effectively prevent buildup of aerosols or mists, appropriate NIOSH/MSHA respiratory protection must be provided.

9. Physical & Chemical Properties

Appearance Clear.
Color Light yellow.
Odor Slight.
Odor threshold Not available.
Physical state Liquid.
Form Aqueous solution.
pH 7.25
Melting point Not available.
Freezing point Not available.
Boiling point Not available.
Flash point Not available.
Evaporation rate Not available.
Flammability Not available.
Flammability limits in air, upper, % by volume Not available.
Flammability limits in air, lower, % by volume Not available.
Vapor pressure 0.05 hPa estimated
Vapor density Not available.
Specific gravity 1.27
Relative density Not available.
Solubility (water) Soluble
Partition coefficient (n-octanol/water) Not available.
Auto-ignition temperature Not available.
Decomposition temperature Not available.
VOC 1.1 %
Percent volatile 60.04 % estimated

10. Chemical Stability & Reactivity Information

Chemical stability Stable at normal conditions. No hazards to be especially mentioned.
Conditions to avoid Extremes of temperature and direct sunlight.
Incompatible materials Strong oxidizing agents.

Hazardous decomposition products	At thermal decomposition temperatures, carbon monoxide and carbon dioxide.
Possibility of hazardous reactions	Will not occur.

11. Toxicological Information

Toxicological data

Product	Test Results
SUPER THIN™ (Mixture)	Acute Dermal LD50 Rabbit: 99999 mg/kg Acute Dermal LD50 Rat: 99999 mg/kg Acute Inhalation LC50 Rat: 99999 mg/l/4h Acute Oral LD50 Rat: 4990 mg/kg estimated Acute Other LD50 Mouse: 32 ml/kg estimated

* Estimates for product may be based on additional component data not shown.

Acute effects	Acute LD50: 4990 mg/kg, Rat, Oral, estimated
Carcinogenicity	Not listed by ACGIH, IARC, NIOSH, NTP OR OSHA.
Mutagenicity	Not mutagenic in AMES Test.
Further information	This product has no known adverse effect on human health.

12. Ecological Information

Ecotoxicity	This product is not expected to produce significant ecotoxicity upon exposure to aquatic organisms and aquatic systems.
Environmental effects	Based on the physical properties of this product, significant environmental persistence and bioaccumulation would not be expected.
Persistence and degradability	Not available.

13. Disposal Considerations

Disposal instructions	Dispose in accordance with all applicable regulations.
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14. Transport Information

DOT

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

15. Regulatory Information

US federal regulations	This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. OSHA Process Safety Standard: This material is not known to be hazardous by the OSHA Highly Hazardous Process Safety Standard, 29 CFR 1910.119.
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CERCLA (Superfund) reportable quantity

None

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories	Immediate Hazard - No Delayed Hazard - No Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No
Section 302 extremely hazardous substance	No
Section 311 hazardous chemical	No

Inventory status

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of New and Existing Chemicals (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

State regulations

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

16. Other Information

Further information

This safety datasheet only contains information relating to safety and does not replace any product information or product specification.

Recommended restrictions

Workers (and your customers or users in the case of resale) should be informed of the potential presence of respirable dust and respirable crystalline silica as well as their potential hazards. Appropriate training in the proper use and handling of this material should be provided as required under applicable regulations.

HMIS ratings

HMIS®		
HEALTH	/	1
FLAMMABILITY		0
PHYSICAL HAZARD		0
PERSONAL PROTECTION		

NFPA ratings

Health: 1
Flammability: 0
Instability: 0

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The manufacturer expressly does not make any representations, warranties, or guarantees as to its accuracy, reliability or completeness nor assumes any liability, for its use. It is the user's responsibility to verify the suitability and completeness of such information for each particular use.

Third party materials: Insofar as materials not manufactured or supplied by this manufacturer are used in conjunction with, or instead of this product, it is the responsibility of the customer to obtain, from the manufacturer or supplier, all technical data and other properties relating to these and other materials and to obtain all necessary information relating to them. No liability can be accepted in respect of the use of this product in conjunction with materials from another supplier. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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Other information

CETCO is an AMCOL International company.