Safety Data Sheet

RCC Corrosion Control / SDS #: RCC-24005 / Revision Date: 05/23/2022

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: K CLOTH

Chemical Family: Aramid Fabric

Product Use: Woven textile product used for reinforcement in various resin systems

Restrictions on Use: Use as directed by manufacturer

Manufacturer: RCC Corrosion Control
1450 Hoff Industrial Drive
O'Fallon, MO 63366
Phone: 636-697-4659

24-Hour Emergency Phone Number: North America: 800-424-9300 (CHEMTREC)
International: 703-527-3887 (CHEMTREC) Collect Calls Accepted

2. HAZARD IDENTIFICATION

OSHA HCS Status: This product is not hazardous chemical, as defined by OSHA at 29 CFR 1910.1200. The finished product has not been tested.

Relevant Route of Exposure/Target Organs: Dermal, Inhalation

OSHA/GHS Signal Word and Hazard Statements:

OSHA/GHS Classification and Pictograms:

OSHA/GHS Precautionary Statements:

Prevention
Avoid breathing fibers or dust. Use only outdoors or in a well-ventilated area. Keep containers tightly closed.

Response
If inhaled: Remove victim to fresh air and keep comfortable for breathing. Call a poison center/doctor/physician if you feel unwell.

If skin irritation occurs: Get medical advice/attention**.**

Storage
Store in a well-ventilated place. Store locked up. Keep container tightly closed.

Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

GHS Hazard and Precautionary Statement Codes: See Section 16.

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Chemical Product Name: Aramid fabric

Component *	CAS #	Max % by weight
Poly (terephthaloychloride/p-phenylenediamine	26125-61-1	98.5
Textile sizing and lubricants	Not assigned	3.5
Absorbed water	Not assigned	7

*The above listed components are OSHA hazardous materials which contribute to this products' GHS Hazard Categorization as prescribed in OSHA's Hazard Communication 29 CFR 1910.1200.

4. FIRST AID MEASURES

Skin Contact: Flush with ample cool water followed by washing with mild soap to remove accumulated fibers.

Eye Contact: Flush with flowing water for 15 minutes – seek medical attention if necessary.

Inhalation: Move to fresh air.

Ingestion: Not likely to occur through normal use. Should ingestion occur, seek medical attention.

Most Important Symptoms/Effects: Direct skin contact with fibers or its fibrous dust may cause mechanical irritation and transitory dermatitis. Breathing of fibers or dust may cause mechanical irritation of the mouth, nose, and throat.

Indication of Immediate Medical Attention and Special Treatment Needed: Get medical attention if product comes into contact with skin or eyes, or if it is inhaled or ingested..

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Water, dry powder, or foam (needed for packaging only).

Unsuitable Extinguishing Media: None identified

Protective Equipment for Fire-Fighters: Wear full firefighting turn-out gear (full Bunker gear), and respiratory protection (SCBA).

Fire Fighting Procedures/Precautions: Aramid itself will not support combustion, but in a sustained fire, proper protection against products of combustion from the fuel must be worn.

6. ACCIDENTAL RELEASE MEASURES

Protective Equipment: A release of this product is not expected to pose risks to workers under normal circumstances. If the material is involved in a fire, or if dusts are produced**,** no action shall be taken involving any personal risk or without suitable training. Keep unnecessary and unprotected personnel from entering. Put on appropriate personal protective equipment.

Personal Precautions: Persons not wearing proper PPE should be excluded from the area of contamination until clean-up has been completed. Ensure adequate ventilation. Eliminate all ignition sources and pay attention to the spreading of gases, especially at ground level.

Methods & Materials for Clean-Up: Dust or loose fibers can be vacuumed or swept with the aid of a dust suppressant. Dispose of in accordance with all government regulations. Do not discharge into waterways or sewer systems without proper authority.

7. HANDLING AND STORAGE

Handling: This product should be handled under conditions of good industrial hygiene and in conformity with any local regulations to avoid unnecessary exposure. Use in a well-ventilated area. Do not breathe dust. Avoid contact with skin.

Storage: Store in a well-ventilated, dry location.

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

Exposure Limits: p-Aramid fibers as such are not subject to any exposure regulation.

Component	AEL[a]	AEL[a]
Aramid dust/fibers*	2 RFP/cc (Respirable Fibers)	5 mg/m3 (Non-fibrous particulate and/or non-respirable fibers)

* Dust may be produced during handling
a. DuPont's Acceptable Exposure Limit.

Engineering Controls: Normal area ventilation is sufficient in most cases to keep dust and fiber levels below the AEL.

Personal Protection Measures/Equipment:

Skin Protection – Barrier creams, gloves, and long sleeve loose fitting clothing may be required for certain workers who have sensitive skin or contact dermatitis. Work clothing should be laundered separately from other clothing before reuse.

Eye Protection – Not normally required, but as a good safety work practice, eye protection such as safety glasses/side shields or equivalent whenever use of the product releases airborne fibrous aramid.
Respiratory Protection – MSHA/NIOSH approved respiratory protection can be used.

Other Protection – Observe good personal hygiene.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, color, etc.): Solid, yellow
Odor: Odorless
Odor Threshold: None
pH: None
Melting Point/Freezing Point: Does not melt
Initial Boiling Point: Not applicable
Flash Point: Not applicable
Evaporation Rate: Not applicable
Flammability: Not applicable
Upper/Lower Flammability or Explosive Limits: Not applicable
Vapor Pressure: Not applicable
Vapor Density: Not applicable
Relative Density/Specific Gravity: 1.44 to 1.45 at 20°C (68°F)
Solubility: Insoluble
Partition Coefficient: Not known
Auto-ignition Temperature: Not known
Decomposition Temperature: >932°F (500°C)
Volatility: Not known
Viscosity: Not applicable

10. STABILITY AND REACTIVITY

Stability: Stable at ambient temperatures. Not self-reactive, water-reactive, or spontaneously combustible

Hazardous Reactions: Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to Avoid: Strong bases and acids will cause chemical decomposition. Temperatures over 932°F (500°C) will cause decomposition.

Incompatible Materials: Aromatic polyamides react with strong oxidizing agents. Over time, UV light will cause a darkening of the fabric and adversely affect the strength.

Hazardous Decomposition Products: May produce carbon oxides, organic compounds of low molecular weight and hydrogen cyanide in low concentration.

Hazardous Polymerization: Will not occur under normal temperatures.

11. TOXICOLOGICAL INFORMATION

Relevant Route of Exposure/Target Organs: Dermal, Inhalation

Symptoms: Dust may cause irritation.

Delayed and Immediate Effects: Not known

Chronic Effects (Short and Long Term Exposure): Not known

Numerical Measures of Toxicity:
p-Aramid : Oral LD50 (rat): >7,500 mg/kg

Carcinogenicity: None of the ingredients present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, or OSHA, as a carcinogen.

Mutagenicity: No data available

Reproductive Toxicity: No data available

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with Federal, State or Local regulations.
Contaminated packaging should be emptied as far as possible before disposal.

14. TRANSPORT INFORMATION

Not regulated as a hazardous material/dangerous good for transportation in all modes of transportation (US DOT, ICAO/IATA, IMO).

15. REGULATORY INFORMATION

All components of this product conform to the following national inventory requirements. US TSCA, EU EINECS and Canada DSL

SARA Title III

SARA Title III Section 302: None

SARA Title III Section 304: None

SARA Title III Section 311/312 Hazard Categories: Immediate (acute)

SARA TITLE III Section 313: This product does not contain components that are subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right to Know Act of 1986 (EPCRA or SARA Title III) and 40 CFR 372.

CERCLA RQ: Not listed

California Proposition 65: None known

Massachusetts Right-To-Know: Less than reportable quantity

New Jersey Right-To-Know: Less than reportable quantity

Pennsylvania Right-To-Know: Less than reportable quantity

Canada: All components of this product are included on the Domestic Substances List (DSL) or are not required to be listed on the Canadian DSL.

Europe: All components of this product are included on the European Inventory of Existing Commercial Chemical Substances (EINECS) or are not required to be listed on the EINECS.

China: All components of this product are included on the Chinese Inventory (IECSC) or are not required to be listed on the Chinese IECSC.

Japan: All components of this product are included on the Japanese (ENCS) inventory or are not required to be listed on the Japanese inventory.

Korea: All components of this product are included on the Korean (ECL) inventory or are not required to be listed on the Korean ECL.

Philippines: All components of this product are included on the Philippine (PICCS) or are not required to be listed on the Philippine PICCS. STATE REGULATIONS

Australia: All components of this product are included on the Australian (AICS) or are not required to be listed on the Australian AICS.

Note: Entries under Section 15 are not intended to be all inclusive of Federal and State laws and regulations. Please consult the appropriate agencies for further clarification of any requirements.

16. OTHER INFORMATION

This product is classified as a Skin Irritant Category 3, however OSHA does not include Category 3 substances in its hazard classification system.

GHS Label Hazard Statement Codes

Signal Word: WARNING

H316: Causes mild skin irritation

H335: May cause respiratory tract irritation.

GHS Label Precautionary Statement Codes

P261: Avoid breathing dusts or fibers.

P271: Use only outdoors or in well-ventilated area.

P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P312: Call a POISON CENTER or doctor/physician if you feel unwell.

P332+P313: If skin irritation occurs: Get medical advice/attention.

P403+P233: Store in a well-ventilated place. Keep container tightly closed.

P501: Dispose of contents/container in accordance with local/regional/national/international regulations.

Disclaimer: The information provided in this Material 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 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.