

# SAFETY DATA SHEET



## G-Flex™ YT510 Meta Aramid Paper

Version 1

Revision Date 06/19/2024

Print Date 06/19/2024

### SECTION 1: IDENTIFICATION

Product Names: G-Flex™ YT510 Meta Aramid Paper

Other/ Generic Names: Aramid Paper

#### Manufacturer or supplier's details

Company: The Gund Company, Inc.  
2121 Walton Road  
St. Louis, MO 63114  
Telephone: (314) 423-5200  
Visit our Website: [www.thegundcompany.com](http://www.thegundcompany.com)  
Email Address: [info@thegundcompany.com](mailto:info@thegundcompany.com)  
Emergency Telephone: (262) 522-7990

#### Recommended use of the chemical and restrictions on use

Recommended use: Insulation for motors, generators, and transformers.

Restrictions on use: See *Sections 15 & 16* for restrictions.

### SECTION 2: HAZARDS IDENTIFICATION

#### When machined or cut and dust is formed, the following apply:

##### GHS Classification

Skin sensitization: Category 1/1A/1B

Skin corrosion/irritation: Category 3

Respiratory sensitization: Category 1/1A/1B

Eye sensitization: Category 2B

##### GHS Label Element

Hazard pictograms:



Signal word:

Warning, Danger

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|                           |  |
|---------------------------|--|
| Hazard statements:        | <b>Not applicable for product as shipped.</b> The hazards of this product are associated mainly with its processing. For dust generated from further processing or fumes from thermal decomposition.<br>H316 Causes mild skin irritation.<br>H317 May cause an allergic reaction to skin .<br>H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.  |
| Precautionary statements: | <b>Prevention:</b><br>P261 Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.<br>P280 Wear protective gloves.<br>P271 Use in a well-ventilated area.<br><b>Response:</b><br>P302 + P352 IF ON SKIN: Wash with plenty of soap and water.<br>P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.<br>P337 + P313: If eye irritation persists: Get medical advice/attention.<br>P342 + P311: If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.<br>P363 Wash contaminated clothing before reuse.<br><b>Disposal:</b><br>P501 Dispose of contents/ container to an approved waste disposal plant. |

### SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

#### Hazardous components

| Component   | CAS-No. | Concentration (%) |
|---|---------|-------------------|
| Meta-aramid fiber or meta-aramid fiber blended with para-aramid, antistatic or other synthetic fibers |         | 100%              |

### SECTION 4: FIRST AID MEASURES

|                 |   |
|-----------------|---|
| GENERAL ADVICE: | No hazards which require special first aid measures. If symptoms persist, call a physician. If irritation occurs, flush area thoroughly with water.                               |
| EYE CONTACT:    | Flush eyes with water as precaution. Remove contact lenses if applicable. Protect unharmed eye. Keep eye wide open while rinsing. If irritation persists, seek medical attention. |
| SKIN CONTACT:   | Product is not expected to be hazardous by skin contact. Should irritation occur, rinse with water.   |

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**INGESTION:** If swallowed, do not induce vomiting. Never give anything by mouth to a victim who is unconscious or is having convulsions. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration.

**INHALATION:** No specific treatment is necessary since this material is not likely to be hazardous by inhalation. If exposed to excessive levels of dust or fumes, remove to fresh air and get medical attention if cough or other symptoms develop.

**NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:** Treat symptomatically.

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### SECTION 5: FIRE-FIGHTING MEASURES

**FLAMMABLE PROPERTIES:** Flame resistant, non-combustion supporting, and self-extinguishing.

**EXTINGUISHING MEDIA:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**SPECIAL FIRE FIGHTING PROCEDURES:** Firefighters should wear full protective clothing, including self-contained breathing apparatus.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Hazardous decomposition products formed under fire conditions.

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### SECTION 6: ACCIDENTAL RELEASE MEASURES

**ACCIDENTAL RELEASE MEASURES:** Do not let product enter drains. Avoid dust formation. Clean up dusts and fibers with high efficiency particulate air (HEPA) filtered vacuum equipment, or by wet cleaning.

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### SECTION 7: HANDLING AND STORAGE

**HANDLING AND STORAGE:** Avoid dust formation. Do not touch moving thread lines. Entanglement with this fiber can severely cut or even sever fingers. Keep away from direct sunlight.

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### SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

**VENTILATION:** Provide for appropriate exhaust ventilation and dust collection at machinery.

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RESPIRATORY PROTECTION: When workers are facing concentrations above the exposure limit, they must use appropriate certified respirators.

EYE PROTECTION: Safety glasses with side-shields

SKIN PROTECTION: Gloves and regular clothing that covers skin, wash clothing before reuse.

Exposure Guidelines:

| Ingredient Name               | CAS # | CGIH TLV | OSHA PEL |
|-------------------------------|-------|----------|----------|
| No applicable data available. | -     | -        | -        |

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Nonwoven or woven fabric, natural or pigmented color

ODOR: None

MELTING POINT: N/A

SOLUBILITY IN WATER: Insoluble

SPECIFIC GRAVITY (H<sub>2</sub>O=1): 1.38 g/cc

### SECTION 10: STABILITY AND REACTIVITY

STABILITY: This product is considered stable.

CONDITIONS TO AVOID (STABILITY): Avoid temperatures above 392°F (200°C).

MATERIAL TO AVOID (INCOMPATIBILITY): Strong acids and strong bases.

CONDITIONS TO AVOID (POLYMERIZATION): Heating to high temperatures can release hazardous gases which include Carbon monoxide (CO), Nitrogen oxides (NO<sub>x</sub>), Hydrogen cyanide (hydrocyanic acid, HCN).

### SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: No known or expected toxicity.

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### SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: No known or expected toxicity.

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### SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose in accordance with all applicable regulations. Do not flush into surface water or sanitary sewer system.

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### SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION (DOT): Not regulated as a dangerous good.

GENERAL: Not regulated as a dangerous good.

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### SECTION 15: REGULATORY INFORMATION

#### U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): All substances listed on inventory.

#### SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: None

313 REPORTABLE INGREDIENTS: No

#### STATE REGULATIONS:

Materials known to the State of California to cause cancer or reproductive toxicity: This product poses no significant risk to persons exposed during normal use as defined by the California Safe Drinking Water and Toxics Enforcement Act (Proposition 65).

#### INTERNATIONAL REGULATIONS:

As an article, the product does not need to be labeled in accordance with EC-directives or respective national laws.

This product is REACH and RoHS compliant.

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### SECTION 16: OTHER INFORMATION

RESTRICTIONS ON USE: Do not use this product in medical applications involving the implantation in human body or contact with internal body fluids or tissues unless the material has been provided by The Gund Company with a written authorization to do so.

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**DISCLAIMER:**

To the best of our knowledge, the information contained herein is accurate. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.