

SECTION I - PRODUCT IDENTIFICATION

Trade Name: **Ultraweave 406 606 1032 1332**
Product Class:
Supplier: **Airtech International, Inc.**
5700 Skylab Road
Huntington Beach, CA 92647
Telephone: 714-899-8100
Fax: 714-899-8179

Emergency Telephone: **800-424-9300**

SECTION II – HAZARDOUS INGREDIENTS

Nylon 6,6 Polyamide

CAS #: 32131-17-2 Percent: 91.5 - 99%

SECTION III – PHYSICAL DATA

Description: White Continuous Multifilament Yarn or Staple Fiber
Melting point: 254 to 263°C (489 to 505°F)
Odor: Odorless
Water Solubility: Insoluble
Specific Gravity: 1.14
Molecular Weight: 19,000 - 30,000

SECTION IV – FIRE AND EXPLOSION DATA

Flash point: 325°C (617°F) **Method used:**
Extinguishing media: Water spray, foam, dry chemical, CO2
Autoignition: 420°C (788°F)

Fire & Explosion Hazards:

Hazardous gases/vapors produced in a fire are oxides of nitrogen, carbon monoxide, ammonia and traces of hydrogen cyanide.

Auto-decomposition Temperatures: 50% @ 420°F (788°F)
96% @ 900°C (1652°F)

Special Fire Fighting Procedures:

Keep personnel removed and upwind of fire. Wear self-contained breathing apparatus. Wear full protective equipment. Cool tank/container with water spray.

SECTION V – HEALTH HAZARD DATA

As shipped, Ultraweave 606, 1032 and 1332 does not pose a hazard. Under normal conditions of use, they do not generate respirable fibers or dust. Particles of Ultraweave 606, 1032 and 1332 may cause mechanical irritation of the skin and eyes.

ANIMAL DATA

Oral LD50: >10,000 mg/kg in rats

Ultraweave 606, 1032 and 1332 is not a skin irritant.

A single large exposure (10,000 mg/kg) by ingestion produced only a slight initial weight loss. Two-year tests in rats and one year tests in dogs at levels of 10% in the diet, produced no adverse effects.

Repeated exposure produced no gross changes and microscopic lung and kidney changes.

Tests in animals demonstrate no carcinogenic activity.

Human Health Effects of Overexposure:

Except for mechanical irritation of skin and eyes caused by particles, no adverse health effects are expected. Significant skin permeation and systemic toxicity after contact appears unlikely. There are no reports of human sensitization.

Based on test studies of the finishes, inhalation or skin contact will not cause irritation or sensitization.

Carcinogenicity:

None of the components in this material is listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

APPLICABLE EXPOSURE LIMITS:

TLV (ACGIH) None established
PEL (OSHA) None established

Safety Precautions:

Avoid contact with eyes. Wash thoroughly after handling.

First Aid Procedure:

In case of skin contact:

If irritation occurs from contact with particles, flush skin with water. Wash contaminated clothing before reuse.

In case of eye contact:

If irritation occurs from contact with particles, flush eyes with plenty of water for at least 15 minutes.

In case of ingestion:

No specific intervention is indicated as compound is not likely to be hazardous by ingestion. Consult physician if necessary.

SECTION VI – REACTIVITY DATA

Stability:

Stable at normal temperatures and storage conditions. Reacts with strong oxidizing agents and strong acids.

Incompatibility:

None reasonably foreseeable

Decomposition:

Decomposition temperature >254°C (>489°F). Hazardous gases/vapors produced are carbon monoxide, carbon dioxide, ammonia and traces of hydrogen cyanide.

Polymerization:

Will not occur

SECTION VII – SPILL, LEAK & DISPOSAL PROCEDURE

Steps to be taken in case material is released or spilled:

NOTE: Review Fire and Explosion Hazards and Safety Precautions before proceeding with clean up. Use appropriate personal protective equipment during clean up. Shovel or sweep up.

Waste Disposal Method:

Waste disposal, treatment, storage, transportation and disposal must be in accordance with applicable Federal, State/Provincial and Local regulations.

SECTION VIII – SPECIAL PROTECTION INFORMATION

Generally Applicable Control Measures and Procedures:

None required

Personal Protective Equipment:

Eye/Face: Wear safety goggles when the possibility exists for eye contact with material.

Protective Clothing:

Wear gloves and clothing, as appropriate, if potential exists for skin irritation from contact with particles.

SECTION IX – SHIPPING INFORMATION

DOT Proper Shipping Name: Not Regulated

SECTION X – TITLE III HAZARD CLASSIFICATIONS

Acute: Yes

Chronic: No

Fire: No

Reactivity: No

Pressure: No

Additional Information and References

This MSDS is provided to comply with provisions of the Hazard Communication Standard (29 CFR 1910.1200).

All non-exempt chemical substances incorporated into the product are included in the TSCA Inventory of Chemical Substances compiled by the U.S. Environmental Protection Agency (EPA).

Superfund Amendment and Reauthorization Act of 1986 (SARA) Title III: Ultraweave 606, 1032 and 1332 contains no chemicals in quantities reportable under Section 313 of SARA Title III and 40 CFR Part 372.

California Safe Drink Water and Toxic Enforcement Act of 1986 (Proposition 65): This product contains none of the substances known to the State of California to cause cancer or reproductive toxicity.

Pennsylvania and New Jersey Right-To-Know Laws: This product is not subject to provisions of the Pennsylvania and New Jersey Right-To-Know Laws.

USER'S RESPONSIBILITY

This bulletin cannot cover all possible situations, which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers. It is your responsibility to use this information to develop appropriate work practice guidelines and employee instructional programs for your operation.

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