

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Product form	: Mixture
Product name	: Kevlar® N636 Honeycomb Core – Aramid Paper Coated With Phenolic Resin
Product code	: 108
Other means of identification	: GillcoreT HK Honeycomb; HK – XXX (Digit Describing Core Configuration); HK – XXX – Fists (Digit Describing Core Configuration)

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

Use of the substance/mixture	: Commercial designation for DuPont's Kevlar paper for use in honeycomb core.
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**1.3. Details of the supplier of the safety data sheet**

The Gill Corporation  
4056 Easy Street  
El Monte, CA 91731  
[www.thegillcorp.com](http://www.thegillcorp.com)

**1.4. Emergency telephone number**

Emergency number	: CHEMTREC: 1-800-424-9300
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**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification (GHS-US)**

Not classified

**2.2. Label elements****GHS-US labeling**

No labeling applicable

**2.3. Other hazards**

Other hazards not contributing to the classification	: This product is an aramid fiber reinforced honeycomb, which is coated with cured phenolic resin. As packaged, this material does not present significant health hazards. Aerosols or dusts generated from cutting, grinding, or smelting are considered nuisance particles or dust. Exposure to dusts or powders may cause mechanical irritation of the respiratory system, eyes, and skin.
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**2.4. Unknown acute toxicity (GHS-US)**

Not applicable

**SECTION 3: Composition/information on ingredients****3.1. Substance**

Not applicable

**3.2. Mixture**

Full text of H-phrases: see section 16

**SECTION 4: First aid measures****4.1. Description of first aid measures**

First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Get medical aid immediately. Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
First-aid measures after skin contact	: Wash exposed area with soap and water. DO NOT rub or scratch irritated area. If irritation persists, seek medical attention.
First-aid measures after eye contact	: Flush immediately with large amounts of water for at least 15 minutes. Eyelids should be held away from the eyeball to ensure thorough rinsing. Get Immediate Medical Attention.
First-aid measures after ingestion	: Not expected to be an important route of entry into the body. If large amounts of particulate matter are ingested, it may cause gastrointestinal distress. Seek medical attention.

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### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries	: As packaged, this material does not present significant health hazards. The hazards below apply to the product if aerosols or dusts are generated from cutting, grinding, or pulverizing.
Symptoms/injuries after inhalation	: Product will act as a nuisance dust. Inhalation of high concentrations of dust may cause coughing and mild, transitory respiratory irritation.
Symptoms/injuries after skin contact	: Dusts and particulate matter may cause irritation of the skin.
Symptoms/injuries after eye contact	: Dusts and particulate matter may cause irritation of the eyes.
Symptoms/injuries after ingestion	: Not expected to be an important route of entry into the body. Ingestion of large quantities of the product may cause gastric discomfort or distress.
Chronic symptoms	: Persons with a history of chronic lung diseases may be at increased risk from exposure to excessive levels of nuisance dust. Persons with medical conditions generally aggravated by mechanical irritants in the air or on the skin may be at increased risk for a worsening of the underlying condition if exposed.

### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Any. Use media appropriate for surrounding fire.

### 5.2. Special hazards arising from the substance or mixture

Fire hazard : Not flammable.  
Reactivity : Not reactive under normal use and conditions.

### 5.3. Advice for firefighters

Protection during firefighting : Positive pressure self-contained breathing apparatus (SCBA) and structural firefighters' protective clothing will provide adequate protection.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Evacuate area.

#### 6.1.1. For non-emergency personnel

Emergency procedures : Evacuate area.

#### 6.1.2. For emergency responders

Protective equipment : Use personal protective equipment as required.  
Emergency procedures : Keep unauthorized personnel away.

### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

For containment : Do not walk through any dust resulting from damage to product.  
Methods for cleaning up : Recover mechanically the product. Minimize generation of dust. HEPA Vacuum or wet methods and place in a disposal container.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with skin and eyes. Use methods to minimize dust. Do not breathe dust. DO NOT use compressed air or dry sweeping to remove dust from work area. Use a vacuum with adequate filtration system to remove dusts. If an appropriate vacuum is unavailable, only wet-clean-up methods should be used (i.e. misting). Moisture should be added as necessary to reduce exposure to airborne respirable dust.

Hygiene measures : Practice good housekeeping. Wash thoroughly after handling.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep container tightly closed.  
Incompatible products : Strong acids, alkalis and oxidizers.

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### 7.3. Specific end use(s)

Commercial designation for DuPont's Kevlar paper for use in honeycomb core.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Particulates Not Otherwise Regulated (Total Dust)		
ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	3 mg/m <sup>3</sup> Respirable; 10 mg/m <sup>3</sup> Total dust
OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	5mg/m <sup>3</sup> Respirable; 15 mg/m <sup>3</sup> Total dust

### 8.2. Exposure controls

Appropriate engineering controls	: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Enclosed processes used in combination with local exhaust ventilation as necessary to control air contaminants at or below acceptable exposure guidelines. Collection systems must be designed and maintained to prevent the accumulation and recirculation of dusts into the workplace.
Hand protection	: None normally needed. Impervious gloves may be used to prevent mechanical irritation.
Eye protection	: Where eye contact is possible with particulate matter, safety glasses with side shields are recommended.
Skin and body protection	: Depending on the risk, wear a tight, long apron and boots or suitable chemical protection clothing. Nitrile rubber or similar protection is recommended for waste clear-up and manufacturing operations.
Respiratory protection	: Follow NIOSH recommendations for respirator use if welding, cutting, or grinding.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Solid
Appearance	: Flat Sheets and blocks
Color	: Brown
Odor	: Slight
Odor threshold	: No data available
pH	: Not Applicable
Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: Not Applicable
Flash point	: Not Applicable
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: Not Applicable
Relative vapor density at 20 °C	: No data available
Relative density	: Not Applicable
Solubility	: Insoluble in water.
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Explosive limits	: Not Applicable

### 9.2. Other information

No additional information available

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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Not reactive under normal use and conditions.

#### 10.2. Chemical stability

Stable under normal use and conditions.

#### 10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

#### 10.4. Conditions to avoid

No additional information available

#### 10.5. Incompatible materials

Strong oxidizing agents, strong acids and bases, especially oxalic and hydrofluoric acid and acyl halides.

#### 10.6. Hazardous decomposition products

Toxic fumes and gases, carbon dioxide, carbon monoxide, hydrogen cyanide, oxides of nitrogen and other toxic and irritation gases can be produced depending on condition of combustion.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity	: Not classified
Skin corrosion/irritation	: Not classified pH: Not Applicable
Serious eye damage/irritation	: Not classified pH: Not Applicable
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified
Symptoms/injuries after inhalation	: Product will act as a nuisance dust. Inhalation of high concentrations of dust may cause coughing and mild, transitory respiratory irritation.
Symptoms/injuries after skin contact	: Dusts and particulate matter may cause irritation of the skin.
Symptoms/injuries after eye contact	: Dusts and particulate matter may cause irritation of the eyes.
Symptoms/injuries after ingestion	: Not expected to be an important route of entry into the body. Ingestion of large quantities of the product may cause gastric discomfort or distress.
Chronic symptoms	: Persons with a history of chronic lung diseases may be at increased risk from exposure to excessive levels of nuisance dust. Persons with medical conditions generally aggravated by mechanical irritants in the air or on the skin may be at increased risk for a worsening of the underlying condition if exposed.

### SECTION 12: Ecological information

#### 12.1. Toxicity

No additional information available

#### 12.2. Persistence and degradability

No additional information available

#### 12.3. Bio accumulative potential

No additional information available

#### 12.4. Mobility in soil

No additional information available

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### 12.5. Other adverse effects

Effect on the global warming : No known ecological damage caused by this product.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste disposal recommendations : Recover or recycle if possible. Dispose in a safe manner in accordance with local/national regulations.

## SECTION 14: Transport information

In accordance with DOT  
Not regulated for transport

### Additional information

Other information : No supplementary information available.

### ADR

No additional information available

### Transport by sea

No additional information available

### Air transport

No additional information available

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

No additional information available

### 15.2. International regulations

#### CANADA

No additional information available

#### EU-Regulations

No additional information available

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

Not classified

### 15.2.2. National regulations

### 15.3. US State regulations

## SECTION 16: Other information

Revision date : 09/02/2015

Data sources : ChemADVISOR, Inc.[<https://www.chemadvisor.com>]. GESTIS DNEL Database [[http://dnel-en.itrust.de/nxt/gateway.dll/dnel\\_en/000000.xml?f=templates\\$fn=default.htm\\$vid=dneleng:ddbeng\\$3.0](http://dnel-en.itrust.de/nxt/gateway.dll/dnel_en/000000.xml?f=templates$fn=default.htm$vid=dneleng:ddbeng$3.0)].

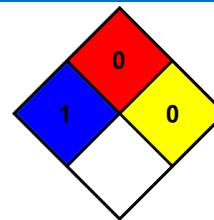
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NFPA health hazard : 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.  
NFPA fire hazard : 0 - Materials that will not burn.  
NFPA reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



HMIS III Rating  
Health : 1 - Slight Hazard - Irritation or minor reversible injury possible  
Flammability : 0 - Minimal Hazard  
Physical : 0 - Minimal Hazard

SDS US (GHS HazCom 2012)

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*