

**NOMEX® Meta-aramid**

Version 5.0

Issue Date : 07/27/2018 Ref. 15000002643  
Revision Date : 07/27/2018

This document is for information only, provided voluntarily and not subsequent to regulatory requirement.

**PRODUCT AND CONTACT INFORMATION****Product identifier**

Product name : NOMEX® Meta-aramid  
Product Grade/Type : Yarn, Staple, Fabric, Floc, Tow, Top  
Synonyms : formerly MSDS# SP6001  
Company : DuPont  
974 Centre Road  
Wilmington, Delaware 19805  
Telephone : +1-800-441-7515 (outside the U.S. +1-302-774-1000)

**Emergency telephone number**

Emergency contact : 1-800-441-3637 (outside the U.S. 1-302-774-1139)

**HAZARDS IDENTIFICATION**

## Emergency Overview

The hazards of this product are associated mainly with its processing.

High concentrations of dust can irritate eyes, nose and respiratory system and cause coughing and sneezing. Continual rubbing of fibre particulates and dust on the skin can cause a transitory, mild irritation with redness or itching.

**Physical and chemical properties**

Form : Nonwoven fabric, woven fabric, fibres, yarn  
Color : white, pigmented  
Odor : none  
Melting point/range : Not applicable  
Density : 1.38 g/cm<sup>3</sup>  
Specific gravity : 1.38  
Water solubility : insoluble  
Viscosity : no data available  
Viscosity, kinematic : no data available

**Stability and reactivity**

Conditions to avoid : Temperature > 200 °C (> 392 °F)  
Heating can release hazardous gases.

Incompatibility : Strong acids and strong bases

Hazardous decomposition products : Carbon monoxide, Nitrogen oxides (NO<sub>x</sub>), Hydrogen cyanide (hydrocyanic acid)

**NOMEX® Meta-aramid**

Version 5.0

Issue Date : 07/27/2018  
Revision Date : 07/27/2018

Ref. 150000002643

**INFORMATION ON INGREDIENTS**

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

Exposure limits may be applicable for the following :

Meta-aramid	25765-47-3	
Para-aramid	26125-61-1	

**FIRST AID MEASURES****Description of 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.

**FIREFIGHTING MEASURES****Extinguishing media**

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Special hazards arising from the article**

Specific hazards during firefighting : Hazardous decomposition products formed under fire conditions.

**Advice for firefighters**

Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.



**NOMEX® Meta-aramid**

Version 5.0

Issue Date : 07/27/2018  
Revision Date : 07/27/2018

Ref. 150000002643

**ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**

Personal precautions : None.

**Environmental precautions**

Environmental precautions : Do not let product enter drains.

**Methods and materials for containment and cleaning up**

Methods for cleaning up : Avoid dust formation., Clean up dusts and fibres with high efficiency particulate air (HEPA) filtered vacuum equipment, or by wet cleaning.

**HANDLING AND STORAGE**

**Precautions for safe handling**

Advice on safe handling : Avoid dust formation.

Do not touch moving threadlines. Entanglement with this fibre can severely cut or even sever fingers.

**Conditions for safe storage, including any incompatibilities**

Requirements for storage areas and containers : Keep away from direct sunlight.

**EXPOSURE CONTROLS/PERSONAL PROTECTION**

Engineering controls : Ensure adequate ventilation.  
Recirculated air should be filtered to remove respirable dust.  
Provide for appropriate exhaust ventilation and dust collection at machinery.

**Personal protective equipment**

Respiratory protection : When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.



## NOMEX® Meta-aramid

Version 5.0

Issue Date : 07/27/2018  
 Revision Date : 07/27/2018

Ref. 15000002643

Eye protection : Safety glasses with side-shields

### Exposure Guidelines

Exposure Limit Values

Meta-aramid			
AEL *	(DuPont)	10 mg/m3	8 hr. TWA
AEL *	(DuPont)	5 mg/m3	8 hr. TWA

  

Para-aramid			
AEL *	(DuPont)	2 RFP/cc	8 & 12 hr. TWA
AEL *	(DuPont)	5 mg/m3	8 & 12 hr. TWA

\* AEL is DuPont's Acceptable Exposure Limit. Where governmentally imposed occupational exposure limits which are lower than the AEL are in effect, such limits shall take precedence.

### DISPOSAL CONSIDERATIONS

#### Waste treatment methods

Product : Can be landfilled or incinerated, when in compliance with local regulations. Do not flush into surface water or sanitary sewer system.

### REGULATORY INFORMATION

#### TSCA (US) Status

Product is an article as defined at 40CFR720.3(c) and is not subject to TSCA Inventory requirements.

#### California Prop. 65:

This product does not contain any substances requiring a warning under the Safe Drinking Water and Toxic Enforcement Act.

### OTHER INFORMATION

#### Restrictions on use

Do not use DuPont materials in medical applications involving implantation in the human body or contact with internal body fluids or tissues unless the material has been provided from DuPont under a written contract that is consistent with DuPont policy regarding medical applications and expressly acknowledges the contemplated use. For further information, please contact your DuPont representative. You may also request a copy of the DuPont POLICY Regarding Medical Applications and DuPont CAUTION Regarding Medical Applications.



**NOMEX® Meta-aramid**

Version 5.0

Issue Date : 07/27/2018  
Revision Date : 07/27/2018

Ref. 150000002643

**Further information**

It is recommended that additional information be requested if an unusual application of synthetic fibres is intended. DuPont™ is a trademark of E. I. du Pont de Nemours and Company. Nomex® is a registered trademark of DuPont.

The information provided in this Article Information 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The above information relates only to the specific material(s) designated herein and may not be valid for such material(s) used in combination with any other materials or in any process or if the material is altered or processed, unless specified in the text.