

Material Safety Data Sheet (MSDS)

NO.: NKE18032300303B-E

Date: Mar. 29, 2018

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Name: Non Woven Abrasives

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Samples Name : Non Woven Abrasives
Model : /
Material : Nylon fiber
Client Name : Kunshan Kingshark Abrasives Tech CO.,LTD.
Client Address : No.399,Zhongjie Road, Shipu, Qiandeng Town, Kunshan City.

Signed for and on behalf of
Kunshan NTEK Testing Technology Co., Ltd

Compiled by: Dana

Reviewed by: Roy



Report Clerk: Feng Liting, Dana

Project Leader: Zhang Shuanglei, Roy

Authorized Signatories: Guo Fu, Summer

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Section 1 - Chemical Product and Company Identification

Product Name: Non Woven Abrasives

Supplier: Kunshan Kingshark Abrasives Tech CO.,LTD.

Address: No.399,Zhongjie Road, Shipu, Qiandeng Town, Kunshan City.

Tel: 13771778279

Contact Person: Zeng Xianyong

E-mail: zengxianyong@Kingshark-abr.com.cn

Fax: /

Section 2 - Hazards Identification

Dangerous Category: None

Inhalation: None

Skin contact: No obvious stimulus, continuous or repeated contact may degreasing

Eye contact: Irritating eyes, can cause pain and tears

Ingestion: Can stimulate the gastrointestinal tract, causing discomfort, diarrhea

Section 3 -Composition/Information on Ingredient

Product: consisting of the following components.

Main Component	CAS NO.	EC NO.	Content	Classification	GHS CLASS
Nylon 66	32131-17-2	/	30%	/	/
Aluminum Oxide	1344-28-1	215-691-6	40%	/	/
Phenolic Resin	9003-35-4	500-005-2	25%	Xn, R21/22	Acute Tox 4 Acute Tox 4 H302 H312
Calcium Carbonate	471-34-1	207-439-9	5%	/	/
Red Masterbatch	/	/		/	/

Section 4 - First-aid Measures

4.1 Description of first- aid measures

Following skin contact:

In case of overexposure to dusts or particulates, wash with soap and plenty of water. If burned by contact with molten material, cool as quickly as possible. Do not peel material from skin. If irritation develops and persists, seek medical attention.

Following eye contact:

Rinse cautiously with water. Get medical advice/attention.

Following inhalation:

Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Following ingestion:

Do not induce vomiting. Never give anything by mouth to an unconscious person. Wash out mouth with water. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical aid if irritation develops and persists.



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4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

No information available.

Section 5 – Fire-fighting Measures

5.1 Extinguishing media

Water, Carbon dioxide foam, Dry powder and Anti soluble foam extinguishing agent

5.2 Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of irritating gases and vapors. Under fire conditions toxic fumes may be released. Thermal burns are the main hazards approach.

5.3 Advice for firefighters

Firemen should wear self-contained breathing apparatus pressure-demand and full protective gear.

5.4 Harmful combustion products

Carbon monoxide, Carbon dioxide, Smoke

Section 6 – Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Use personal protective equipment. Keep people away from and upwind of spill/leak. Evacuate personnel to safe areas. Spilled or released at long industrial condition: Remove ignition sources, Keep away from heat and flame, evacuate area. Avoid breathing dust, smoke. Shut off source of the leak only if it is easy to do so.

6.2 Environmental precautions

Keep spilled material out of sewers, ditches and bodies of water..

6.3 Methods and material for containment and cleaning up

Sweep up and place in suitable containers for recycle or disposal according to local/national regulations. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.



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Section 7 - Handling and Storage

7.1 Handling

Pneumatic material handling and processing equipment any generate dust of sufficiently small particle size that, when suspended in air, may be explosive. In accordance with good industrial practice, handle with care and avoid unnecessary personal contact. Wash thoroughly after handling. Use with adequate ventilation. Minimize dust generation and accumulation. To prevent dust storms, air transport pipes, bag filters and storage tanks need to install devices to eliminate static electricity and grounding, bag filters of the filter with conductive material. Avoid contact with eyes. Avoid breathing dust, vapor, mist, or gas. Do not eat, drink or smoke while handling the product. Keep away from sources of ignition.

7.2 Conditions for safe storage, including any incompatibilities

Keep away from heat, sparks, and flame. Store in a cool, dry, well-ventilated away from incompatible substance. Keep away from sources of ignition. Do not store in direct sunlight. Temperatures in excess may cause resin degradation. Keep out of the reach of children.

7.3 Specific end use(s)

No information available.

Section 8 - Exposure Controls and Personal Protection

Exposure controls

Appropriate engineering controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

Respiratory protection: When the concentration of air is too high, a self - suction filter type mask (full cover) or a direct mask (half mask) must be worn. Wear a self-supporting respirator when emergency situations are saved or evacuated

Skin protection: Wear protective gloves for preventing chemicals.

Eye and face protection: If the material is heated, wear chemical protective glasses. No special protection is needed for normal use. If the dust produced by the operation conditions is not controlled, wear appropriate protective glasses.

Body protection: Wear protective clothing to prevent contact.

Environmental exposure controls:

Aluminum Oxide: ACGIH:TLV-TWA:10mg/m³(Particles)

OSHA:PEL-TWA:15mg/m³(Total dust) , TWA:5mg/m³(Resp)

Belgium-TWA:10mg/m³(as AL)

France-VME:10mg/m³

Japan-OEL:0.5mg/m³(Respirable dust) , 2mg/m³(Total dust)

Netherlands-MAC-TGG:10mg/m³

Russia-TWA:6mg/m³

United Kingdom-TWA:10mg/m³(Inhalable) , 4mg/m³(Inhalable)

Calcium Carbonate: OSHA:PEL-TWA:15mg/m³(Total) 5mg/m³(resp)

NIOSH:REL-TWA:10mg/m³(Total) 5mg/m³(resp)

Belgium-TWA:0.01mg(Ag)/m³

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France-VME: 10mg/m³

Japan-OEL: 0.01mg(Ag)/m³

Netherlands-MAC-TGG: 10mg/m³

Other protection: When operating, processing and storage of the material do not eat, drink or smoke, sufficient to wash their hands before eating or smoking, maintain good health habits.

Section 9 - Physical and Chemical Properties

9.1 Information basic on physical and chemical properties

Appearance:	Flake
Colour:	Red
Odour:	Odorless
pH-value:	Not data
Melting point/Melting range:	Not data
Boiling point/Boiling range:	NA
Flash point:	Not data
Flammability (solid, gaseous):	Not data
Self-igniting:	Not data
Danger of explosion:	Not data
Vapour pressure:	Not data
Density(H ₂ O=1):	700±50g/m ²
Water solubility:	Insoluble
Partition coefficient (n-octanol/water):	NA
Other information:	/

9.2 Additional information: No data available.

Section 10 - Stability and Reactivity

10.1 Reactivity

Stable under recommended storage and handling conditions (see section 7, handling and storage).

10.2 Chemical stability

Stable under normal conditions of use, storage and transport.

10.3 Possibility of hazardous reactions

No dangerous reactions known.

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10.4 Conditions to avoid

Ignition sources, excess heat.

10.5 Incompatible materials

Strong acid, strong alkali, strong oxidizer

10.6 Hazardous decomposition products

Thermal decomposition product: may produce irritation or toxic smoke or gas. Carbon monoxide, carbon dioxide, nitrogen oxides, heavy smoke, and various hydrocarbons, etc.

Section 11 - Toxicological Information

Acute Toxicity:

Aluminum oxide	LD50>5000mg/kg(Oral, rat)
	LD50>3600mg/kg(Intraleural, rat)
Calcium carbonate	LD50:6450mg/kg(Oral, rat)

Corrosion/irritation: Particles or dust stimulates the eyes and skin

Damage/irritation: No information available.

Respiratory or skin sensitization: No information available.

Toxicokinetics, metabolism and distribution: No information available.

CMR effects (carcinogenity, mutagenicity and toxicity for reproduction): No information available.

Inhalation hazards: Molten smog may cause sore throat discomfort, headache, vertigo, nausea.

Other:None.

Section 12 - Ecological Information

12.1 Toxicity

Acquatic toxicity:

No further relevant information available.

12.2 Persistence and degradability

No further relevant information available.

12.3 Bioaccumulative potential

No further relevant information available.

12.4 Mobility in soil

No further relevant information available.

12.5 Other adverse effects

Do not direct the system directly into the system.



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Section 13 - Disposal Considerations

13.1 Waste treatment methods

Dispose in accordance with all applicable regional and local laws and regulations.

Section 14 - Transport Information

The packing should be complete and the loading should be stable. In the course of transportation, we should ensure that the container does not leak, does not collapse, does not fall, and does not damage. With no oxidant mixed mixed transport. In transit, insolation, rain, and high temperature should be prevented.

Section 15 - Regulatory Information

This safe datasheet complies with requirement of Regulation(EC)No.1907/2006..

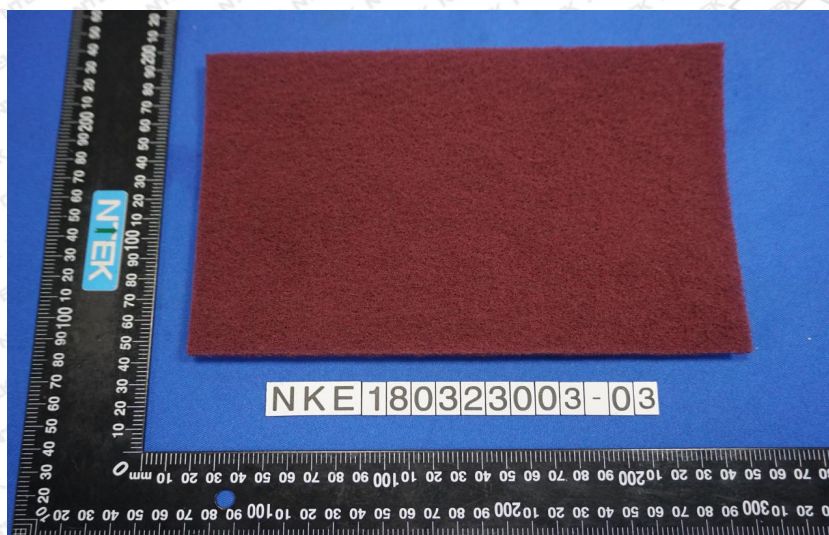
Section 16 - Additional Information

References: N/A

The data in this Safety Data Sheet relates only to the specific material designated herein. This data is based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

MSDS Creation Date: Mar. 29, 2018

Photograph of Sample



End of Report

Report statement:

The test report is invalid without the signature of the authorized person and the special seal of the report, the test sample in this report is provided and confirmed by the customer, the test result is only responsible for the test sample. Shall not copy part of this report. The test results or data in this report will be used only for education, scientific research, enterprise product development and internal quality control or other purposes.

