

## Safety Data Sheet

### Abrasive Debur Wheel

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**Version Number:** Ver.2

**Issue Date:** 05/25/19

#### Section 1: Identification

- 1.1. Product identifier: SANTA light deburr and polishing Wheel
- 1.2. Recommended use and restrictions on use Recommended use Abrasive Product
- 1.3. Supplier's details  
MANUFACTURER: Nantong Santa New Materials Co.,Ltd.
- 1.4. Emergency telephone number: +86-13255241367

#### SECTION 2: Hazard identification

- 2.1. Hazard classification  
Not classified as hazardous according to OSHA Hazard Communication Standard, 29 CFR 1910.1200.
- 2.2. Label elements  
Signal word: Not applicable.  
Symbols: Not applicable.  
Pictograms: Not applicable.

#### SECTION 3: Composition/information on ingredients

Ingredient	C.A.S. No.	% by Wt.
Silicon Carbind mineral	1344-28-1	25 - 55
Lubricant	8002-74-2	2-5
Filler	67762-90-7	2-10
Calcium carbonate	471-34-1	2-10
Cured Resin	mixture	25-35
Nylon fiber	mixture	10-15

#### SECTION 4: First aid measures

- 4.1. Description of first aid measures

**Inhalation:**

Remove person to fresh air. If you feel unwell, get medical attention.

**Skin Contact:**

Wash with soap and water. If signs/symptoms develop, get medical attention.

**Eye Contact:**

Flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. If signs/symptoms persist, get medical attention.

**If Swallowed:**

No need for first aid is anticipated.

4.2. Most important symptoms and effects, both acute and delayed See Section 11.1. Information on toxicological effects.

4.3. Indication of any immediate medical attention and special treatment required Not applicable

**SECTION 5: Fire-fighting measures**

5.1. Suitable extinguishing media In case of fire: Use a fire fighting agent suitable for ordinary combustible material such as water or foam to extinguish.

5.2. Special hazards arising from the substance or mixture

None inherent in this product. Hazardous Decomposition or By-Products Substance Condition Carbon monoxide During Combustion Carbon dioxide During Combustion

5.3. Special protective actions for fire-fighters

No special protective actions for fire-fighters are anticipated.

**SECTION 6: Accidental release measure**

6.1. Personal precautions

Protective equipment and emergency procedures, Observe precautions from other sections.

6.2. Environmental precautions

Not applicable.

6.3. Methods and material for containment and cleaning up

Not applicable.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

Avoid breathing of dust created by sanding, grinding or machining. Damaged product can break apart during use and cause serious injury to face or eyes. Check product for damage such as cracks or nicks prior to use. Replace if damaged. Always wear eye and face protection when working at sanding or grinding operations or when near such operations. Combustible dust may form by action of this product on another material (substrate). Dust generated from the substrate during use of this product may be explosive if in sufficient concentration with an ignition source. Dust deposits should not be allowed to accumulate on surfaces because of the potential for secondary explosions.

**7.2. Conditions for safe storage including any incompatibilities**

No special storage requirements.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters**

Occupational exposure limit is not available for the component.

**8.2. Exposure controls****8.2.1. Engineering controls**

Provide appropriate local exhaust ventilation for sanding, grinding or machining. Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapors/spray. If ventilation is not adequate, use respiratory protection equipment. Warning: Excessive operating speed or generation of extreme heat may result in harmful emissions. Use local exhaust ventilation. Provide local exhaust at process emission sources to control exposure near the source and to prevent the escape of dust into the work area. Ensure that dust-handling systems (such as exhaust ducts, dust collectors, vessels, and processing equipment) are designed in a manner to prevent the escape of dust into the work area (i.e., there is no leakage from the equipment).

**8.2.2. Personal protective equipment (PPE)****Eye/face protection**

To minimize the risk of injury to face and eyes, always wear eye and face protection when working at sanding or grinding operations or when near such operations. Select and use eye/face protection to prevent contact based on the results of an exposure assessment. The following eye/face protection(s) are recommended: Safety Glasses with side shields

**Skin/hand protection**

Wear appropriate gloves to minimize risk of injury to skin from contact with dust or physical abrasion from grinding or sanding.

**Respiratory protection**

Assess exposure concentrations of all materials involved in the work process. Consider material being abraded when determining the appropriate respiratory protection. Select and use appropriate respirators to prevent inhalation overexposure. An exposure assessment may be needed to decide if a respirator is required. If a respirator is needed, use respirators as part of a full respiratory protection program. Based on the results of the exposure assessment, select from the following respirator type(s) to reduce inhalation exposure: Half facepiece or full facepiece air-purifying respirator suitable for particulates. For questions about suitability for a specific application, consult with your respirator manufacturer.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

General Physical Form: Solid Odor, Color,  
Grade: Solid Abrasive Product  
Odor threshold: Not Applicable  
pH: Not Applicable  
Melting point: Not Applicable  
Boiling Point: Not Applicable  
Flash Point: Not Applicable  
Evaporation rate: Not Applicable  
Flammability (solid, gas): Not Classified  
Flammable Limits(LEL): Not Applicable  
Flammable Limits(UEL): Not Applicable  
Vapor Pressure: Not Applicable  
Vapor Density: Not Applicable  
Density: Not Applicable  
Specific Gravity: Not Applicable  
Solubility In Water: Not Applicable  
Solubility- non-water: Not Applicable  
Partition coefficient: n-octanol/ water Not Applicable  
Autoignition temperature: Not Applicable  
Decomposition temperature: Not Applicable  
Viscosity: Not Applicable

#### **SECTION 10: Stability and reactivity**

##### **10.1. Reactivity**

This material is considered to be non reactive under normal use conditions.

##### **10.2. Chemical stability**

Stable.

##### **10.3. Possibility of hazardous reactions**

Hazardous polymerization will not occur.

##### **10.4. Conditions to avoid**

None known.

##### **10.5. Incompatible materials**

None known.

##### **10.6. Hazardous decomposition products**

Refer to section 5.2 for hazardous decomposition products during combustion.

#### **SECTION 11: Toxicological information**

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. In addition, toxicological data on ingredients may not be reflected in the material classification and/or the signs and symptoms of exposure, because an ingredient may be present below the threshold for labeling, an ingredient may not be available for exposure, or the data may not be relevant to the material as a whole. 11.1. Information on Toxicological effects Signs

and Symptoms of Exposure Based on test data and/or information on the components, this material may produce the following health effects:

**Inhalation:** Dust from grinding, sanding or machining may cause irritation of the respiratory system. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

**Skin Contact:** Mechanical Skin irritation: Signs/symptoms may include abrasion, redness, pain, and itching.

**Eye Contact:** Mechanical eye irritation: Signs/symptoms may include pain, redness, tearing and corneal abrasion. Dust created by grinding, sanding, or machining may cause eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

**Ingestion:** No known health effects.

Aspiration Hazard For the component/components, either no data are currently available or the data are not sufficient for classification. Please contact the address or phone number listed on the first page of the SDS for additional toxicological information on this material and/or its components.

## **SECTION 12: Ecological information**

### **Ecotoxicological information**

Please contact the address or phone number listed on the first page of the SDS for additional ecotoxicological information on this material and/or its components.

## **SECTION 13: Disposal considerations**

Not regulated per U.S. DOT, IATA or IMO.

## **SECTION 14: Transport Information**

Not regulated per U.S. DOT, IATA or IMO.

## **SECTION 15: Regulatory information**

### **15.1. US Federal Regulations**

Contact SANTA for more information.

EPCRA 311/312 Hazard Classifications:

Physical Hazards: Not applicable

Health Hazards: Not applicable

## **SECTION 16: Other information**

### **NFPA Hazard Classification**

Health: 0 Flammability: 1 Instability: 0 Special Hazards: None

### **HMIS Hazard Classification**

Health: 0 Flammability: 1 Physical Hazard: 0 Personal Protection: X - See PPE section.