

Material Safety Data Sheet  
Commercial Product Identification

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**SECTION 1 IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY**

Date Issued: February 14, 2012

Identification of the substance: Common Name: K9102

**Company Identification:** Nestor System International, Incorporated  
5901 Colony Drive  
Bethlehem, PA 18017  
484-281-3801  
484-281-3802 (Fax)  
[info@nestorsys.com](mailto:info@nestorsys.com)

**Emergency Telephone:** 484-281-3801 (Mon. – Fri. 9:00am – 4:00pm EST)

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**SECTION 2 INFORMATION ON INGREDIENTS**

**Chemicals identification:** Oxides of Aluminum and Silicon bound with different fats and waxes

**Hazardous Ingredients:** This product does not contain any hazardous ingredients. If employed for its intended usage, no health damage is expected

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**SECTION 3 HAZARDS IDENTIFICATION**

**Human Hazards:** No significant adverse health effects are to be expected for either single or repeated exposures, provided that dust and vapor inhalation is controlled and eye protection is guaranteed (see section 8)

**Environmental Hazards:** No significant hazards are expected because low solubility leads to no biological interaction. Large aquatic discharges may lead to localized adverse effects on aquatic organisms due to physical effects.

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**SECTION 4 FIRST AID MEASURES**

**Skin:** In case of sustained skin irritation obtain medical advice

**Eyes:** Rinse with plenty of water for 10 minutes

**Ingestion:** Wash out mouth thoroughly with water  
Do not cause vomiting without medical advice  
Obtain medical advice

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SECTION 5 FIRE FIGHTING MEASURES

Extinguishing media: Vaporized water  
Powder  
Foam  
CO2

Special fire fighting procedures Not Necessary

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SECTION 6 ACCIDENTAL RELEASE MEASURES

Methods for cleaning up: Shovel up immediately into labeled containers for disposal or recycling to prevent accidents caused by slippery surfaces.

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SECTION 7 HANDLING AND STORAGE

Handling: Use suitable tools for handling and transport of heavy units

Measures against fire and explosion: Do not store near open fire

Storage: Do not store at temperatures > 86°F

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SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

General: When handling all polishing material, observe good standards of industrial hygiene

Personal Protection: Control occupational exposure by local exhaust

Respiratory Protection: Ventilation

Eye Protection: Use goggles while working on polishing wheels to avoid eye irritation from physical effects

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SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Solid bar  
Color: White  
Odor: Specific  
Melting Point: > 104°F  
Boiling Point: > 300°F  
Flashpoint: > 300°F  
Relative density: > 1.0 kg/l

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Solubility: Insoluble in water  
pH: 7 – 9

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SECTION 10 STABILITY AND REACTIVITY

Conditions to avoid: This product is stable. Under normal circumstances no hazardous reactions are anticipated

Materials to avoid: None Known

Hazardous decomposition Products: Incomplete combustion will produce smoke and CO and C02

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SECTION 11 TOXICOLOGY INFORMATION

Routes of Entry:

Ingestion: Ingestion of small quantities will not lead to adverse health effects. Larger quantities may cause sickness and diarrhea

Inhalation: Inhalation of decomposition products like vapor or smoke may cause adverse health effects

Skin and Eyes: This product is abrasive. Prolonged contact may cause temporary skin and eye irritation

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SECTION 12 ECOLOGICAL INFORMATION

This is not soluble in water. It is also incapable of being further oxidized. If present in small amounts in water these substances are unlikely to present a threat to aquatic life.

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SECTION 13 DISPOSAL CONSIDERATIONS

For disposal of non-recoverable spillages or waste, local regulations should be consulted and waste should be disposed only through licensed waste material handling companies or incinerating plants.

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SECTION 14 TRANSPORT INFORMATION

No restrictions, classified as non-dangerous cargo. Keep away from food stuffs.

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SECTION 15 REGULATORY INFORMATION

Dangerous Substances Directive Not classified as dangerous

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67/548/EEC:

Dangerous Preparations Directive Not classified as dangerous  
88/379/EEC:

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SECTION 16 OTHER INFORMATION

The purpose of this safety sheet is to describe the products in terms of health and safety and not as a product specifications, guaranteeing their properties.

The information on the Data Sheet is accurate to the best of our knowledge as to the proper use and handling of this product under normal conditions. Any use of the product which is not in conformance with this Data Sheet or which involves using the product in combination with other products or any other process is the responsibility of the user.

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