



*Oki, Network Solutions*  

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*for a Global Society*

## **Material Safety Data Sheet**

**Toner Powder : PT-061**

**For: B4200 / B4300 Series**

**Oki Data Corporation**  
**Strategic Planning Office**

# MATERIAL SAFETY DATA SHEET

## Section 1 - Product Identification

**Trade Name:** ZEoglobule PT061

**Supplier's Name:** Oki (Europe) Ltd.

**Address:** 3 Castlecary Road, Wardpark North Industrial Estate Cumbernauld, Scotland, G68 0DA

**Emergency Tel No.:** +44 (0) 1236 502502

**Tel No. for Information:** Same as the above

**Date Prepared:** FEB.3.2003

## Section 2 - Hazardous Ingredients/Identity Information

### Hazardous Components (Specific Chemical Identity; Common Name(s))

| Ingredients                | CAS NO.    | Cont.<br>% | ACGIH/OSHA<br>TLV/TWA<br>mg/m3 | Hazardous<br>Chemicals |      | Carcinogens |     |      |
|----------------------------|------------|------------|--------------------------------|------------------------|------|-------------|-----|------|
|                            |            |            |                                | ACGIH                  | OSHA | OSHA        | NTP | IARC |
| Styrene Acrylate Copolymer | 25767-47-9 | 84         | 10/15*                         | x                      | x    | x           | x   | x    |
| Carbon Black               | 1333-86-4  | 5-7        | 3.5/3.5                        |                        |      | x           | x   | 2B   |
| Fatty acid ester           | 61682-73-3 | 5-10       | - / -                          | x                      | x    | x           | x   | x    |
| Additives                  | Registered | 1-2        | 10/15*                         | x                      | x    | x           | x   | x    |

Note; x : Not listed : Listed NA: Not available \*: for total dust

## Section 3-Physical/Chemical Characteristics

**Boiling Point (Softening Point):** NA

**Solubility in Water:** Negligible

**Vapor Pressure mmHg:** NA

**Specific Gravity (H<sub>2</sub>O=1):** 1.15

**Vapor Density (Air=1):** NA

**Melting Point:** 110

**Evaporation Rate:** NA

**Appearance and Odor:** Black Powder and Odorless

NA: Not available

## Section 4 - Fire and Explosion Hazard Data

**Flash Point (Method used):** NA

**Flammable Limits:** LEL = NA UEL = NA

**Explosion Limits:** Lower = 60g/m<sup>3</sup> Upper = Unknown

**Extinguishing Media:** Water, ABC dry chemical or Protein type air foams are recommended.

**Special Fire Fighting Procedures:** Do not use methods which may create a dust cloud such as high pressure, water steam, etc.

**Unusual Fire and Explosion Hazards:** Thermal decomposition of organic components may result in occurrence of oxides of carbon.

## Section 5 - Reactivity Data

**Stability:** Stable

**Condition to Avoid:** Do not expose to temperature above 200 .

**Incompatibility (Materials to Avoid):** Avoid exposure to strong oxidizers.

**Hazardous Polymerization:** Will not occur. **Condition to Avoid:** None

**Hazardous Decomposition or Byproduct:** Carbon Oxide

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## Section 6 - Health Hazard Data

**Eye Contact:** Eye irritation will be caused. If contacted, flush eyes with running water for several minutes with eyelids open. Consult an eye-doctor.

**Skin Contact:** No symptoms will appear. If contacted, remove contaminated clothes and wash skin with soap and water.

**Inhalation:** Lung irritation, difficult breathing, sneezing, coughing, will be caused. If inhaled, remove the sufferer to fresh air and call a physician.

**Ingestion:** Stomach irritation will be caused. If ingested, call a physician.

### Health Hazards (Acute and Chronic)

Acute Oral Toxicity: LD<sub>50</sub> >2000mg/Kg(Rat) Ames Test: Negative

Acute Inhalation Toxicity: LC<sub>50</sub> >4.98mg/l(Rat) Skin Irritation: No irritant(Rabbit)

Eye Irritation: Minimal irritant(Rabbit)

**Carcinogenicity:** NTP; NL IARC Monograph; NL OSHA Regulated; NL

NL: Not Listed

## Section 7 - Spill or Leak Procedures

**Steps to be taken in case Material is Released or Spilled:** Spray water over the spilled and/or leaked materials and then clean out into a container. A vacuum cleaner with explosion-proof can be used for small spills.

**Waste Disposal Method:** Landfill or incinerate little in accordance with federal, state and federal regulations.

## Section 8 - Control Measures

**Respiratory Protection (Specify Type):** Nuisance dust respirator

**Ventilation:** Local Exhaust Recommended Special Not necessary

Mechanical(General) Recommended Other Not necessary

**Protective Gloves:** Recommended

**Eye Protection:** Safety goggles

**Other Protective Equipment:** Not necessary

## Section 9 - Special Precaution

**Precautions to be taken in handling and storing:** Store in dry cool place. Keep from sparks and open flame. Use with adequate ventilations. To avoid dust explosion, ground all equipment and pour material slowly into vessel.

**Other Precautions:** None

## Section 10-Transportation Information

This product is not regulated as hazardous materials by the DOT.

## Section 11-Regulatory Information

All ingredients are registered under the Toxic Substances Control Act (TSCA) or under

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polymer exemption.

All ingredients are exempt , registered or considered ( polymers ) under **European Inventory of Existing Commercial Chemical Substances (EINECS)** .

EEC Labelling ( with **Directive 1999/45/ E C** ) : not Classified .

## **USER'S RESPONSIBILITY**

This bulletin cannot cover all possible situations which the user may experience during processing. Each aspect of your operation must be examine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin must be provided to your employees or customers. It is your responsibility to use this information to develop appropriate work practice guidelines and employee instructional programs for your operation.

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