



# MATERIAL SAFETY DATA SHEET

(According to ANSI Z400.1-2004)

**PRODUCT NAME: MICROGRIT # 2**

**Previous Issue: Sept 8, 2010**

**Date Prepared: April 26, 2011**

## 1. IDENTIFICATION OF PRODUCT AND COMPANY

Product Name: MICRO GRIT # 2  
 Company: ULANO® CORPORATION  
 110 Third Avenue  
 Brooklyn, NY 11217  
 Phone: 718-237-4700  
 Fax: 718-802-1119  
 Emergency contact: 1-800-424-9300 (CHEMTREC)  
 MSDS prepared by: P Drago  
 Recommended use: Fabric pre- treatment for screen printing

## 2. HAZARD IDENTIFICATION OF THE PREPARATION

This preparation is not classified as hazardous according to 29CFR 1910-1200

Appearance / Odor: Odorless, dark grey dense powder  
 Potential Health Effects: See Section 11 for more information  
 Potential Health Effects Eyes: This product may be irritating to the eyes  
 Potential Health Effects: Skin Excessive exposure may cause skin irritation  
 Potential Health Effects: Ingestion Avoid ingestion  
 Potential Health Effects: Inhalation: May cause irritation of respiratory system.  
 Prolonged exposure may lead to Pulmonary problems

Target Organs: Not Known

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Potential Environmental Effects: See Section 12 for more information.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Mixture of the below mentioned materials

Hazardous components:

EINECS-No CAS-No.	Name R-phrases	Hazard	%content
206-991-8 409-21-2	n/a	n/a	60.0 -100.0%

**Additional information:**

for a full text of risk phrases see section 16

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#### 4. FIRST AID MEASURES

**Inhalation:**

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if necessary.

**Ingestion:**

If conscious, drink milk or water. Get medical attention.

**Skin Contact:**

Immediately flush skin with plenty of water for at least 15 minutes. Get medical attention if irritation develops. Wash clothing before reuse.

**Eye Contact:**

Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

#### 5. FIRE-FIGHTING MEASURES

Flammable: no	Means of extinction: n/a
	Suitable extinguishing media: Not flammable
Flash point: n/a	Upper flammable limit: n/a
Explosion data impact: n/a	Lower flammable limit: n/a
Explosion data static: n/a	
Hazardous combustion products: n/a	
Special Fire Fighting procedures: Treat Surrounding Fire	
Auto ignition temp: n/a	

#### 6. ACCIDENTAL RELEASE MEASURES

Do not empty large quantities directly into drains. Sweep up and collect in a sealable fiber or plastic container and proceed according to local waste disposal regulations. Avoid dust creation.

Uncontaminated material may be scooped up for use. If contaminated, scoop or vacuum into a receptacle for disposal

#### 7. HANDLING AND STORAGE

Keep container tightly closed and in a cool and well ventilated place. Ensure adequate ventilation. Avoid contact with skin and eyes

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**8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**

Occupational exposure limit:

CAS #	Name	OSHA TWA	ACGIH TWA
409-21-2	Silicon Carbide	15 mg/m <sup>3</sup> TWA (total dust);  5 mg/m <sup>3</sup> TWA (respirable fraction)	10 mg/m <sup>3</sup> TWA (total dust);  5 mg/m <sup>3</sup> TWA (respirable dust)

**Engineering controls**

General: properly ventilated room

Local exhaust: Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

Other: n/a

**Personal Protection**

Gloves: n/a

Respirator: NIOSH Approved respirator if ventilation is less than adequate.

Eye: NIOSH Approved Goggles

Protective footwear: n/a

Protective clothing: n/a

Other: Avoid creating dusty conditions

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Form: Dense powder  
 Color: Dark Grey  
 Odor: None  
 Flash point: n/a  
 Ignition temperature: n/a  
 Explosion limits: n/a  
 Boiling point: n/a  
 Vapor density: n/a  
 Vapor pressure: n/a  
 Freezing point: n/a  
 pH: 6-7  
 Sp/ gr ( h<sub>2</sub>o =1) 3.2  
 Coefficient of water/ oil distribution: n/a  
 Volatile Organic Compounds: None

**10. STABILITY AND REACTIVITY**

Stable under recommended storage and handling conditions  
 (See Section 7).

Store as a non-hazardous solid

INCOMPATIBILITY: Strong oxidizers

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**11. TOXICOLOGICAL INFORMATION****Effects of acute exposure:**

COMPONENT	CAS#	LD <sub>50</sub>	LC <sub>50</sub>
Silicon Carbide	409-21-2	n/a	n/a

**General information:**

Irritancy of product:	Possible
Skin sensitization:	None known
Respiratory sensitization:	Possible
Carcinogenicity:	None known
IARC:	no
ACGIH	no
Reproductive toxicity:	None known
Teratogenicity:	None known
Embryotoxicity:	None known
Mutagenicity:	None known

Name of synergistic products /effects	n/a
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**12. ECOLOGICAL INFORMATION**

Do not empty large quantities into drains or release into open water.  
Do not store at public waste disposal sites.

**13. WASTE DISPOSAL INFORMATION**

Dispose of as a non-hazardous solid.  
Empty container: scrap recycling or re-conditioning.  
Soiled container: (treatment like product itself)

**14. TRANSPORT INFORMATION**

ADR/RID/DOT:	Class: n/a
	UN: n/a
Packaging group:	n/a
IMDG:	Class: n/a
	EMS: n/a
	UN: n/a
Marine pollutant:	no
Packaging group:	n/a

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**15. REGULATORY INFORMATION**

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Global Inventories (components):

TSCA:	United States:	included
DSL:	Canada:	included
ENCS:	Japan;	included
EINECS:	Europe:	included

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65)

This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins under California Proposition 65 at levels which would be subject to the proposition.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of information required by the CPR, and it is not classified as a hazardous material.

<b>Labeling :</b>	<b>n/a</b>
<b>R-phrases :</b>	<b>n/a</b>
<b>S-phrases :</b>	<b>n/a</b>
<b>Special labeling:</b>	<b>n/a</b>

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**16. OTHER INFORMATION**

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**HMIS: Health 1      Flammability 0      Reactivity 0**

Text of risk phrases mentioned in Section 2:  
n.a

For further information please refer to our technical information sheet. Data in this MSDS correspond with our current level of knowledge, but do not represent any assurance of product properties. The user personally is responsible for compliance with all legal requirements.

**DISCLAIMER OF RESPONSIBILITY:**

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