

# MATERIAL SAFETY DATA SHEET

(Prepared According to 29 CFR 1910.1200)

Date Prepared 02-22-12

## SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: **5X Polishing Powder** Product Use/Class: Polishing Powder ID #: MAJR030  
Shipper Name: M3 Technologies, Inc. Manufactured for M3 Technologies in Italy  
Address: 57 Lamberts Lane, Cohasset, MA 02025 Contact: Chad Schmidt  
Telephone: 800-342-4533 Emergency Telephone: (CHEMTREC): 800-424-9300

## SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

CAS: 127-95-7 CE: 204-873-0 Symbol: Xn Phrases: R21/22

10% - 30% Aluminum oxide: Not classified as hazardous

10% - 30% Shellac: Not classified as hazardous

## SECTION 3 - HAZARDS IDENTIFICATION

The product is harmful for acute exposure and is harmful in contact with skin and if swallowed.

## SECTION 4 - FIRST AID MEASURES

Contact with skin: Wash off immediately with plenty of water.

Contact with eyes: Rinse immediately with plenty of water.

Ingestion: Induce vomiting. Seek medical advice showing the safety data sheet. Is possible to administer active coal in suspension in water or medicinal mineral oil.

Inhalation: Ventilate the room. Move to fresh air. Consult a doctor in case of illness.

## SECTION 5 - FIRE-FIGHTING MEASURES

Suitable extinguishers: Water, CO2, Foam, Chemical powders according to materials involved in fire.

Forbidden extinguishers: No one particularly.

Hazards from combustion: Avoid breathing fumes.

Special equipment: Use protections for breathing.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions: Wear gloves and protective clothing.

Environmental precautions: Contain waste with earth or sand. If flowed in a stream, in drainage system or it has contaminated ground or vegetation, advise competent authority.

Methods for cleaning up: If in liquid form, prevent from flowing into drainage system. Pick the product to reuse, if possible, or for elimination. Eventually, absorbing with inert material. After picking, wash the areas and materials involved.

## SECTION 7 - HANDLING AND STORAGE

Advice on safe handling: Avoid contact and inhalation of fumes. See also next paragraph no.8.

During work, do not eat or drink.

Storage conditions: Keep in dry and ventilated rooms. Ensure good ventilation and change of air in the working area.

Always keep containers closed.

Requirements for storage rooms: Appropriately ventilated.

## SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

General protection: Ventilate the rooms where the product is stored and/or handled.

Respiratory protection: Not necessary for normal use.

Hand protection: Use protective gloves.

Eye protection: Use safety glasses.

Skin protection: Wear skin total-protection clothing.

Components with exposure limits: None.

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance form: Solid

Color: Yellow

Odor: Odorless

Solubility: Partially soluble

Density: N.A.

T.V.: N.A.

Melting point: N.A.

Inflammability point: Not inflammable N.A

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**SECTION 10 – STABILITY AND REACTIVITY**

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Stability: Stable at normal conditions.

Materials to avoid: None.

Hazardous decompositions products: None at normal conditions to our knowledge.

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**SECTION 11 – TOXICOLOGICAL INFORMATION**

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Keep in mind the concentration of the separate substances to value the toxicological effects due to exposure to the preparation. Lethal dose data of the product are not available, we assume Oxalic acid as reference product data.

Acute oral toxicity LD50 = 7500 mg/kg

Acute dermal toxicity: LD0 = 112 mg/kg

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**SECTION 12 – ECOLOGICAL INFORMATION**

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Use according to good working practices, avoid dispersion in the environment.

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**SECTION 13 – DISPOSAL CONSIDERATIONS**

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Reuse if possible. Send to authorized waste treatment or incineration plants. Work in accordance with local and national regulations.

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**SECTION 14 – TRANSPORT INFORMATION**

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Not classified according to EU-ONU criteria (ADR – 2003 edition)

Not classified according to IMDG – 25 edition

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**SECTION 15 – REGULATORY INFORMATION**

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OSHA – This compound is not classified under the criteria of OSHA

CERCLA – This compound is not applicable under the criteria of CERCLA

SARA Title III – This compound is not classified under the criteria of SARA Title III

DM 03.02.97 (Classification and Labeling) e further adjustments in accordance with EC-labeling

Hazard symbols: Xn

R phrases: R21/22 - Harmful in contact with skin and if swallowed.

S phrases: S24/25 - Keep out of reach of children; avoid contact with skin and eyes.

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**SECTION 16 – OTHER INFORMATION**

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Main bibliography sources:

- NIOSH Registry of toxic effects of chemical substances (1983).

- I.N.R.S. Fiche Toxicologique

- CESIO Classification and labeling of anionic, non-ionic surfactants (1990)

The information contained herein is based on our present state of knowledge on the aforementioned date. It should not therefore be construed as guaranteeing specific properties of the product described.

User is bound to assure himself of suitability and completeness of this information according to the specific use.

This safety data sheet cancels and replace every previous edition.