

Synter

Section 1. Identification

Common name: Synter

Synonym: None

Material uses: Polishing tool on a polyester base.

Supplier / Manufacturer:

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Section 2. Hazards identifications

Classification:



Skin corrosion, Category 1
Serious eye damage, Category 1
Acute toxicity (oral), Category 4
Acute toxicity (dermal), Category 4

* When tools are not used, they should be stored in a dry place. Avoid contact with acids. The product can react in contact with acids and emit oxalic acid and derivatives. The product must be used with cooling water to prevent the emission of dust. If the product is used in dry conditions, the dust will severely irritate the eyes, skin and respiratory tract. Use appropriate respiratory protective equipment to avoid inhalation of dusts and particles, and eye and skin contact.

Signal word: Danger

Hazard statements:

H302: Harmful if swallowed.
H312: Harmful in contact with skin.
H314: Causes severe skin burns and eye damage.
H318: Causes serious eye damage.

Precautionary statements:

P260: Do not breathe dust / fume / gas / mist / vapors / spray.
P264: Wash exposed and / or contaminated parts thoroughly after handling.
P270: Do not eat, drink or smoke when handling this product.

P280: Wear protective gloves / protective clothing / eye protection / face protection.
 P301 + P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor.
 P301 + P330 + P331: IF SWALLOWED: rinse mouth. DO NOT induce vomiting.
 P302 + P352: IF ON SKIN: Wash with plenty of soap and water.
 P303 + P361 + P353: IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.
 P304 + P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue to rinse.
 P310: Immediately call a POISON CENTER or doctor.
 P321: Move away from the danger zone. See a doctor. Show this safety data sheet to the attending physician.
 P330: Rinse mouth.
 P363: Wash contaminated clothing before reuse.
 P405: Keep locked up.
 P501: Dispose of contents / container by a licensed waste disposal company in accordance with regional regulations.

Section 3. Composition and information on ingredients

Name	CAS	Concentration %
Aluminum oxide	1344-28-1	7 – 13
Potassium salt	**	**
Formo-phenolic polymers	**	**
Hydroxy aromatic hydrocarbon	**	**
Hexamine	**	**

Note: Industrial Secret confirmation number CCRMD / HMRIC: 8633 (June 5, 2012)

Section 4. First aid measures

Description of first aid if required:

Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance.

Eye contact:

If irritation develops after exposure to dusts and / or cooling water, immediately flush eyes with plenty of water. Get medical help immediately.

Skin contact:

If irritation develops after exposure to dust and / or cooling water, flush skin with plenty of water. Wash exposed area with water and mild soap, Get medical attention immediately.

Inhalation:

If irritation develops after exposure to dust and / or cooling water, watch for vital signs and obtain immediate medical attention. If the victim stops breathing, give artificial respiration. Do not use the mouth-to-mouth technique if the face, mouth and respiratory tract are contaminated with the substance. Administer artificial respiration with the aid of a pocket mask equipped with a non-return valve or other suitable medical device. Get medical help immediately.

Ingestion:

If the product is ingested, DO NOT induce vomiting. Rinse mouth with water. Never give a drink to someone who is unconscious or unresponsive. Give 1 or 2 glasses of water to drink. If vomiting occurs naturally, rinse the mouth again with water. Get medical help immediately.

Indication of immediate medical attention and special treatment needed, if necessary:

Do not give anything by mouth to an unconscious victim.

Most important acute symptoms and effects:

Dust and abrasion particles are severely irritating to the eyes. Dust and abrasion particles are irritating to the skin. The product is toxic when ingested. On the other hand, ingestion is unlikely, but possible in cases of poor industrial hygiene. Abrasive particles can be corrosive by the action of gastric acids and irritate the gastric tract. Severe exposure can lead to shock, cardiac arrest and fatality. If the product is used without cooling water, the dust can be irritating to the airways, causing sore throat, coughing and breathing difficulties.

Section 5. Fire fighting measures

Flammability of the product:

The polypropylene base may ignite or melt at very high temperatures.

Flash point:

N/A

Auto-ignition temperature:

N/A

Products of combustion:

Carbon oxides

Special protective actions for fire-fighters:

Wear self-contained breathing apparatus and appropriate protective clothing.

Suitable extinguishing media:

Use means of extinction the most suited to the surrounding materials.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

For non emergency personnel: Not applicable

For emergency personnel: Not applicable

Environmental precautions:

Not applicable

Methods and material for containment and cleaning up:

Use appropriate tools to put the spilled solid in a convenient waste disposal container.

Section 7. Handling and storage

Precautions in Handling:

Use the product with water. Follow the usual safety standards during abrasion operations to avoid mechanical injury from abrasive particles. Do not ingest. Do not breathe dust. Wear appropriate protective clothing. In case of insufficient ventilation, use adequate respiratory equipment. Avoid contact with skin and eyes.

Precautions in Storage:

Keep container tightly closed in a cool, dry and well-ventilated place.

Section 8. Exposure Controls, Personal Protections

Control parameters:

Component	CAS	Value	Control parameters	Basis
Aluminum oxide	1344-28-1	TWA	5 mg/m ³ (inhalable fraction)	OSHA
		TWA	10 mg/m ³	ACGIH
		TWA	15 mg/m ³	OSHA

Engineering controls:

Use with water to cool and clean the stone.

Personal protective equipment: Eyes: Wear safety glasses.

Skin/body: Wear a lab coat or any other appropriate protective clothing.

Respiratory: If ventilation is insufficient, choose appropriate respiratory protection according to levels and duration of exposure.

Hands: Wear chemical resistant protective gloves.

Other: Provide an emergency eye wash station and quick drench shower in the immediate work area.

Section 9. Physical and chemical properties

Physical state: Solid

Color: Variable according to components.

Odour: Not available

Melting point/Freezing point: Data not available

Boiling point: Data not available

Appearance: Pressed crumbly block, coarse granular or powder.

Flash point: Data not available

Auto-ignition temperature: Data not available

pH: 2.5

Solubility: Not available

Density: Data not available

Section 10. Stability and reactivity

Chemical reactivity: The product by itself is stable. The product will partially decompose under the effect of heat.

Possibility of hazardous reactions: Under normal conditions of storage and use, no dangerous reaction does not occur.

Incompatible materials: The product may react in contact with acids and emit oxalic acids and derivatives. The product will partially decompose by the action of heat.

Hazardous decomposition products: None known

Section 11. Toxicological information

Acute toxicity:

Component	CAS	Value
Aluminum oxide	1344-28-1	DL ₅₀ Oral: Rat > 3600 mg/kg

Skin corrosion/irritation:

Potassium salt: Causes severe skin burns and eye damage.

Serious eye damage/irritation:

Potassium salt: Causes serious eye damage.

Respiratory or skin sensitisation:

Not applicable

Gem cell mutagenicity:

Not applicable

Carcinogenicity:

Not applicable

Reproductive toxicity:

Not applicable

STOT- Single exposure:

Not applicable

STOT- repeated exposure:

Not applicable

Aspiration hazard:

Not applicable

Information on likely route of exposure:

Not applicable

Section 12. Ecological information**Ecological data for aquatic environments:**

Component	CAS	Value
Hexamine	**	CL ₅₀ - Pimephales promelas 49800 mg/L - 96h CL ₅₀ - Daphnia magna 36000 mg/L - 48h CE ₅₀ – Shellfish 92500 mg/L - 96h

Persistence and degradability:

Data not available

Bioaccumulative potential:

Data not available

Mobility in soil:

Data not available

Other adverse effects:

Data not available

Section 13. Disposal considerations**Waste disposal:**

Dispose of this product in accordance with applicable federal, state and local laws.

Section 14. Transportation information

No TDG/DOT/IMDG/IATA Classification

Section 15. Regulatory information**NFPA Classification:**

Health: 2
Flammable: 0
Reactivity: 0
Specials conditions: 0

Legend: 4: Severe, 3: High, 2: Moderate, 1: Slightly, 0: Not hazardous

U.S. Federal regulations**SARA section 313 (specific toxic chemical listings):** No ingredient listed**California proposition 65 requirements:** No ingredient listed**REACH Classification (EU)****REACH - Registration, Evaluation, Authorisation and Restriction of Chemical substances****REACH Data:**

EC	CAS	Substance	Full	OSII	TII
NA	1344-28-1	Oxyde d'Aluminium	Yes	-	-

Section 16. Additional information

Date of issue:

2018-08-17

Version:

2.00

Elaborated by:

Toxyscan inc.

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Références:

- *Répertoire toxicologique of la Commission des normes, de l'équité, de la santé et de la sécurité du travail.*
- *Registry of Toxic effects of Chemical Substances of the Canadian Centre for Occupational Health and Safety.*
- *Material safety data sheet from the manufacturer.*
- *Hazardous Products Regulations (DORS/2015-17).*
- *Canadian Transport of Dangerous Goods.*
- *The Globally Harmonized System of Classification and Labelling of Chemicals (GHS) <http://www.hc-sc.gc.ca/a>*