# Safety Data Sheet

**Issue date** 25-Sep-2018 **Revision date** 25-Sep-2018 **Revision Number** 1

## 1. IDENTIFICATION

### Product identification

| | |
|---|---|
| Product identifier | Tuff-Grit Waterproof Abrasive Sandpaper |
| Other means of identification | 57612 |
| Recommended use | Abrasive |
| Restrictions on use | Not available |

### Supplier

Corporate Headquarters:
Lawson Products, Inc.
8770 W. Bryn Mawr Ave., Suite 900
Chicago, IL 60631
(866) 837-9908

Canadian Distribution Center:
Lawson Canada
7315 Rapistan Court
Mississauga, ON L5N 5Z4
(800) 323-5922

**24 Hour Emergency Phone Number** (888) 426-4851 (Prosar)

## 2. HAZARD(S) IDENTIFICATION

**Hazard Classification** .

| | |
|---|---|
| Serious eye damage/eye irritation | Category 2B |

**Symbol** Not applicable

**Signal word** WARNING

**Hazard statements** H320 - Causes eye irritation

**Precautionary statements**

**Prevention**

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray
P264 - Wash face, hands and any exposed skin thoroughly after handling
P271 - Use only outdoors or in a well-ventilated area
P280 - Wear protective gloves/protective clothing and eye/face protection
P285 - In case of inadequate ventilation wear respiratory protection

**Response**

**Eyes**

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P337 + P313 - If eye irritation persists: Get medical advice/attention

**Inhalation** P304 + P341 - IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing
P342 + P311 - If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician

**Storage** P402 - Store in a dry place

**Disposal** Not applicable

**Hazard(s) Not Otherwise Classified (HNOC)** None known.

**Physical Hazards Not Otherwise Classified (PHNOC)** None known.

**Unknown acute toxicity** None known

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Composition** Mixture.

| Chemical name | CAS-No | Weight % |
|---|---|---|
| Cotton Cloth | N/A | 30-60 |
| Cured Resin | N/A | 15-40 |
| Aluminum Oxide | 1344-28-1 | 15-40 |

## 4. FIRST-AID MEASURES

**Necessary first-aid measures**

**Inhalation** Blow nose to remove substance from nasal passages. Oxygen or artificial respiration if needed. Remove to fresh air. If symptoms persist, get medical attention.

**Ingestion** No specific treatment is necessary since this material is not likely to be hazardous by ingestion. Get medical attention if symptoms occur.

**Skin contact** Not expected to present a significant hazard under anticipated conditions of normal use. If symptoms persist, call a physician.

**Eye contact** Do not rub eye. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek medical attention if irritation persists.

**Most important symptoms (acute)** See section 11 for toxicological information.

**Most important symptoms (over-exposure)** Not available.

**Indication of any immediate medical attention and special treatment needed** Not available.

## 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media** In case of fire, use water spray (fog), foam, dry chemical or carbon dioxide.

**Unsuitable extinguishing media**

Do not use halocarbon extinguisher on fire.

**Specific hazards**

Hazardous Thermal Decomposition Products:. Aluminum oxide. Oxides of carbon. Nitrogen oxides (NOx). Sodium oxide. Toxic fumes.

**Special protective equipment for fire-fighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

Use personal protection recommended in Section 8. Avoid breathing dust/fume/gas/mist/vapors/spray. Ensure adequate ventilation.

**Methods and materials for containment and cleaning up**

Avoid dust formation. Dust masks should be worn during these operations. Vacuum or sweep material and place in a disposal container. For waste disposal, see section 13 of the SDS. Ensure adequate ventilation.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

Ensure adequate ventilation. Avoid dust formation. Avoid inhalation of dust from the product. Dust masks should be worn during these operations. Avoid contact with eyes, skin, and clothing. combustible dust. Use good housekeeping procedures to prevent accumulations of dust and debris. Finely divided dust may form explosive mixture with air. Keep away from heat, sparks, flame and other sources of ignition (i.e. pilot lights, electric motors and static electricity).

**Conditions for safe storage, including any incompatibilities**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Store in a cool, dry, and well-ventilated place. Store at temperatures between 40 degrees F and 90 degrees F. Store at 35-50% relative humidity. Keep away from incompatible materials. See section 10 for incompatible materials.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters**

| Chemical name | OSHA PEL (TWA) | ACGIH OEL (TWA) | NIOSH - TWA |
|---|---|---|---|
| Cotton Cloth | - | - | - |
| Cured Resin | - | - | - |
| Aluminum Oxide | 15 mg/m$^3$ TWA<br>5 mg/m$^3$ TWA | 1 mg/m$^3$ TWA | - |

**Appropriate engineering controls**

Engineering controls are recommended. See ANSI Z43.1. Refer to OSHA 29 CFR 1910.94. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

**Individual protection measures, such as personal protective equipment**

**Eye protection**

Safety glasses.

**Skin and body protection**

Gloves are recommended to prevent prolonged or repeated contact.

**Respiratory protection**

Wear a NIOSH approved dust mask or equivalent. Use NIOSH approved respirator if TLV limit is exceeded.

**Hygiene measures** General industrial hygiene practice.

**Canadian Province Occupational Exposure Limits**

| Chemical name | Alberta OEL | British Columbia OEL | Manitoba OEL | New Brunswick - OEL | Newfoundland & Labrador - OEL | Nova Scotia - OEL | Ontario OEL | Prince Edward Island - OEL | Quebec OEL | Saskatchewan - OEL |
|---|---|---|---|---|---|---|---|---|---|---|
| Cotton Cloth | - | - | - | - | - | - | - | - | - | - |
| Cured Resin | - | - | - | - | - | - | - | - | - | - |
| Aluminum Oxide | 10 mg/m³ TWA | 1.0 mg/m³ TWA | 1 mg/m³ TWA | 10 mg/m³ TWA | 1 mg/m³ TWA | 1 mg/m³ TWA | 1 mg/m³ TWA | 1 mg/m³ TWA | 10 mg/m³ TWAEV | 20 mg/m³ STEL 10 mg/m³ TWA |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical state** Solid

**Odor** Faint odor

**Odor threshold** Not applicable

**pH** Not applicable

**Melting point/range °C** Not applicable

**Melting point/range °F** Not applicable

**Boiling point/range °C** Not applicable

**Boiling point/range °F** Not applicable

**Flash point °C / °F** Not applicable

**Evaporation rate** Not applicable

**Flammability (Solid, Gas)** Not applicable

**Lower explosion limit** Not applicable

**Upper explosion limit** Not applicable

**Vapor pressure** Not applicable

**Vapor density** Not applicable

**Relative density** Not applicable

**Solubility** Not applicable

**Partition coefficient (n-octanol/water)** Not applicable

**Autoignition temperature °C** Not applicable

**Autoignition temperature °F** Not applicable

**Decomposition temperature °C** Not applicable

**Decomposition temperature °F** Not applicable

**Viscosity** Not applicable

## 10. STABILITY AND REACTIVITY

**Reactivity** Stable under normal conditions.

**Chemical stability** Stable under normal conditions.

**Possibility of hazardous reactions** Hazardous polymerization does not occur.

**Conditions to avoid** Avoid contact with incompatible materials. Heat, flames and sparks. Avoid sources of ignition. Avoid moisture.

**Incompatible materials** Acids. Bases. Oxidizing agents. Chlorine. Nitrates. Halogens. Chlorine trifluoride. Ethylene oxide. Oxygen difuoride. Sodium Nitrate. vinyl compounds. halogenated hydrocarbons.

**Hazardous decomposition products** Oxides of carbon. Nitrogen oxides (NOx). Aluminum oxide. Sodium oxide.

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure** Not available.

**Symptoms** Product may present a nuisance dust hazard. May cause respiratory irritation. May cause eye irritation. May cause skin irritation.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure** Not available.

**Numerical measures of toxicity**

| Chemical name | Inhalation LC50: | Dermal LD50: | Oral LD50: |
|---|---|---|---|
| Cotton Cloth | - | - | - |
| Cured Resin | - | - | - |
| Aluminum Oxide | - | - | > 5000 mg/kg ( Rat ) |

**ATEmix (dermal)** Not available

**ATEmix (oral)** Not available

**ATEmix (inhalation-gas)** Not available

**ATEmix (inhalation-vapor)** Not available

**ATEmix (inhalation-dust/mist)** Not available

**Carcinogenicity**

| Chemical name | ACGIH OEL - Carcinogens | IARC | OSHA RTK Carcinogens | NTP |
|---|---|---|---|---|
| Cotton Cloth | - | - | - | - |
| Cured Resin | - | - | - | - |
| Aluminum Oxide | A4 | - | - | - |

**Canadian Province carcinogenicity limits**

| Chemical name | Alberta - Carcinogen | British Columbia - Carcinogen | Manitoba - Carcinogen | New Brunswick - Carcinogen | Nova Scotia - Carcinogen | Quebec - Carcinogen |
|---|---|---|---|---|---|---|
| Cotton Cloth | - | - | - | - | - | - |
| Cured Resin | - | - | - | - | - | - |
| Aluminum Oxide | - | - | ACGIH A4 | ACGIH A4 | ACGIH A4 | - |

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

| Chemical name | Algae/aquatic plants | Fish |
|---|---|---|
| Cotton Cloth | - | - |
| Cured Resin | - | - |
| Aluminum Oxide | - | - |

**Persistence and degradability** Not available.

**Bioaccumulation**

| Chemical name | CAS-No | Partition coefficient (log Kow) |
|---|---|---|
| Cotton Cloth<br>N/A | N/A | - |
| Cured Resin<br>N/A | N/A | - |
| Aluminum Oxide<br>1344-28-1 | 1344-28-1 | - |

**Mobility in soil** Not available.

**Other adverse effects** An environmental hazard cannot be excluded in the event of unprofessional handling or disposal Harmful to aquatic life with long lasting effects

## 13. DISPOSAL CONSIDERATIONS

**Disposal information** Dispose of as an industrial waste in a manner acceptable to good waste management practice. Prevent waste from contaminating surrounding environment. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Consult authorities before disposal.

**Contaminated packaging** Dispose of as unused product.

## 14. TRANSPORTATION INFORMATION

### Shipping Descriptions

**DOT**
**Proper shipping name** Not regulated

**TDG**
**Proper shipping name** Not regulated

**IATA**
**Proper shipping name** Not regulated

**IMDG/IMO**
**Proper shipping name** Not regulated

### Marine Pollutants

| Chemical name | CAS-No | USDOT Marine Pollutant | Canada TDG Marine Pollutant | IMDG Marine Pollutant |
|---|---|---|---|---|
| Cotton Cloth | N/A | - | - | - |
| Cured Resin | N/A | - | - | - |
| Aluminum Oxide | 1344-28-1 | - | - | - |

### Special Precautions

Multi-modal shipping descriptions are provided for informational purposes and do not consider container size. The presence of a shipping description for a particular mode of transport (sea, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport. People loading and unloading dangerous goods must be trained on all of the risks deriving from the substances and on all actions in case of emergency situations.

## 15. REGULATORY INFORMATION

### State regulations

#### U.S. state Right-to-Know regulations

| Chemical name | CAS-No | Massachusetts - RTK | New Jersey - RTK | Pennsylvania - RTK |
|---|---|---|---|---|
| Cotton Cloth | N/A | - | - | - |
| Cured Resin | N/A | - | - | - |
| Aluminum Oxide | 1344-28-1 | X | X | X |

#### California Prop. 65

| Chemical name | CAS-No | California Prop. 65 |
|---|---|---|
| Cotton Cloth | N/A | - |
| Cured Resin | N/A | - |
| Aluminum Oxide | 1344-28-1 | - |

California Proposition 65 This product does not contain any Proposition 65 chemicals

### U.S. Federal Regulations

### US EPA SARA 313

| Chemical name | CAS-No | CERCLA/SARA Hazardous Substances RQ | SARA 313 - Threshold Values |
|---|---|---|---|
| Cotton Cloth | N/A | - | - |
| Cured Resin | N/A | - | - |
| Aluminum Oxide | 1344-28-1 | - | 1.0 % |

**US EPA SARA 311/312 hazardous categorization** Not applicable

**International inventories** All components of this product are listed on the following inventories: U.S.A. (TSCA 8(b)), Canada (DSL/NDSL) or are exempt.

| Chemical name | DSL/NDSL | Inventory - United States - Section 8(b) Inventory (TSCA) | U.S. - TSCA (Toxic Substances Control Act) - Section 12(b) - Export Notification |
|---|---|---|---|
| Cotton Cloth | - | - | - |
| Cured Resin | - | - | - |
| Aluminum Oxide | X | X | - |

Legend X - Listed

## 16. OTHER INFORMATION

### NFPA

**Health** 0
**Flammability** 1
**Instability** 0

### HMIS

**Health** 0*
**Flammability** 1
**Physical hazards** 0

Notice: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks Although HMIS® ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA).

**Prepared by** Regulatory Affairs

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**Revision note**

**Key to abbreviations**

ACGIH (American Conference of Governmental Industrial Hygienists)
ATE (Average Toxicity Estimate)
DSL/NDSL (Domestic Substance List/Non-Domestic Substance List)
HMIS (Hazardous Materials Identification System)

IARC (International Agency for Research on Cancer)
IATA (International Air Transport Association)
IMDG/IMO (International Maritime Dangerous Goods/International Maritime Orgnaization)
NFPA (National Fire Protection Association)
NTP (National Toxicology Program)
OEL (Occupational Exposure Level)
OSHA (Occupational Safety and Health Administration of the US Department of Labor)
PEL (Permissible Exposure Limit)
TSCA (Toxic Substance Control Act)
USEPA (United States Environmental Protection Agency)

**Disclaimer**

**The information accumulated herein is believed to be accurate, but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.**

**End of Safety Data Sheet**