



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	55383
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
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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 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.
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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 and Labrador - OEL	Nova Scotia - OEL	Ontario OEL	Prince Edward Island - OEL	Quebec OEL	Saskatchewan - OEL
Cotton Cloth	-	-	-	-	-	-	-	-	-	-
Cured Resin	-	-	-	-	-	-	-	-	-	-
Aluminum Oxide	10 mg/m ³ TWA	1.0 mg/m ³ TWA	1 mg/m ³ TWA	10 mg/m ³ TWA	1 mg/m ³ TWA	1 mg/m ³ TWA	1 mg/m ³ TWA	1 mg/m ³ TWA	10 mg/m ³ TWAEV	20 mg/m ³ STEL 10 mg/m ³ 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 difluoride. 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 N/A	N/A	-
Cured Resin N/A	N/A	-
Aluminum Oxide 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**Issue date** 25-Sep-2018**Revision date** 25-Sep-2018**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 Organization)
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