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	55381
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 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 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).

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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