Safety Data Sheet

Issue date 10-Jul-2018 **Revision date** 10-Jul-2018 **Revision Number** 1

1. IDENTIFICATION

Product identification

Product identifier	Tuff-Grit Wet Sandpaper Sheet
Other means of identification	27258
Recommended use	Abrasive
Restrictions on use	For industrial use only

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 While this material is not classified as hazardous under OSHA regulations, this SDS contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

Symbol Not applicable

Signal word Not applicable

Hazard statements Not applicable

Precautionary statements

Prevention	Not applicable
Response	Not applicable
Storage	Not applicable
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 .

Chemical name	CAS-No	Weight %
Cellulose	9004-34-6	30-60
Cured Urea Formaldehyde Resin	9011-05-6	10-30
Aluminum Oxide	1344-28-1	10-30

4. FIRST-AID MEASURES

Necessary first-aid measures

Inhalation Remove to fresh air. If not breathing, administer artificial respiration by trained personnel. Seek medical attention immediately.

Ingestion Do NOT induce vomiting. Contact physician or poison control center immediately. Never give anything by mouth to an unconscious person.

Skin contact Wash off immediately with soap and plenty of water. Seek medical attention if irritation persists.

Eye contact Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 20 minutes. Get medical attention if irritation occurs.

Most important symptoms (acute) Not applicable.

Most important symptoms (over-exposure) Not applicable.

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

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media Alcohol resistant foam. Carbon dioxide (CO_2). Dry chemical. Water fog. Water spray.

Unsuitable extinguishing media Not applicable.

Specific hazards Not applicable.

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. Should not be released into the environment.

Methods and materials for containment and cleaning up

Pick up and transfer to properly labeled containers. For waste disposal, see section 13 of the SDS.

7. HANDLING AND STORAGE

Precautions for safe handling

Use with adequate ventilation. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling.

Conditions for safe storage, including any incompatibilities

Store in a cool, dry, and well-ventilated place. Keep away from heat. Keep away from incompatible materials. Store away from flammable and combustible materials. Keep container tightly closed and sealed until ready for use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Chemical name	OSHA PEL (TWA)	ACGIH OEL (TWA)	NIOSH - TWA
Cellulose	15 mg/m³ TWA 5 mg/m³ TWA	10 mg/m³ TWA	10 mg/m³ TWA 5 mg/m³ TWA 1 mg/m³ TWA
Cured Urea Formaldehyde Resin	-	-	-
Aluminum Oxide	15 mg/m³ TWA 5 mg/m³ TWA	1 mg/m³ TWA	-

Appropriate engineering controls

Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. Good general ventilation should be sufficient to control worker exposure to airborne contaminants. Where such ventilation systems are not effective, wear suitable personal protective equipment, which performs satisfactorily and meets OSHA or other recognized standards. Consult with local procedures for selection, training, inspection, and maintenance of the personal protective equipment. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Individual protection measures, such as personal protective equipment

Eye protection

Wear safety glasses with side shields or goggles. Consult OSHA standard 1910.133.

Skin and body protection

Wear appropriate chemical resistant gloves. Wear appropriate clothing to prevent skin contact. Use of an impervious apron is recommended.

Respiratory protection

If the exposure limits are exceeded, a NIOSH/MSHA approved respirator is recommended. Use NIOSH-approved air-purifying respirator with organic vapor cartridge or canister, as appropriate. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstances where air purifying respirators may not provide adequate protection.

Hygiene measures

Wash hands with soap and water before eating, drinking, smoking, or using toilet facilities.

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
Cellulose	10 mg/m³ TWA 5 mg/m³ TWA	10 mg/m³ TWA 3 mg/m³ TWA	10 mg/m³ TWA	10 mg/m³ TWA	10 mg/m³ TWA	10 mg/m³ TWA	10 mg/m³ TWA	10 mg/m³ TWA	10 mg/m³ TWAEV 5 mg/m³ TWAEV	20 mg/m³ STEL 10 mg/m³ TWA
Cured Urea Formaldehyde 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 Odorless

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 Not applicable.

Chemical stability Stable at normal temperature and pressure.

Possibility of hazardous reactions Not applicable.

Conditions to avoid Heat, flames and sparks. Avoid contact with incompatible materials. Do not allow to freeze. Do not store below 32 degrees F.

Incompatible materials Incompatible with strong acids, alkalis, or oxidizing agents.

Hazardous decomposition products Not applicable.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure Dermal. Inhalation. Ingestion. Eyes.

Symptoms Causes eye and skin irritation. May be harmful if swallowed. May cause vomiting or headache. Dizziness.

Delayed and immediate effects as well as chronic effects from short and long-term exposure Prolonged or excessive inhalation may cause respiratory tract irritation. Prolonged skin contact may cause skin irritation.

Numerical measures of toxicity

Chemical name	Inhalation LC50:	Dermal LD50:	Oral LD50:
Cellulose	> 5800 mg/m^3 (Rat) 4 h	> 2 g/kg (Rabbit)	> 5 g/kg (Rat)
Cured Urea Formaldehyde Resin	> 167 mg/m^3 (Rat) 4 h	> 2100 mg/kg (Rat)	= 8394 mg/kg (Rat)
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

Chemical name	ACGIH OEL - Carcinogens	IARC	OSHA RTK Carcinogens	NTP
Cellulose	-	Group 1	Listed	Known
Cured Urea Formaldehyde 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
Cellulose	-	-	-	-	-	-
Cured Urea Formaldehyde Resin	-	-	-	-	-	-
Aluminum Oxide	-	-	ACGIH A4	ACGIH A4	ACGIH A4	-

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical name	Algae/aquatic plants	Fish
Cellulose	-	-
Cured Urea Formaldehyde Resin	-	-
Aluminum Oxide	-	-

Persistence and degradability Not available.

Bioaccumulation

Chemical name	CAS-No	Partition coefficient (log Kow)
Cellulose 9004-34-6	9004-34-6	-
Cured Urea Formaldehyde Resin 9011-05-6	9011-05-6	-
Aluminum Oxide 1344-28-1	1344-28-1	-

Mobility in soil Not available.

Other adverse effects Not available

13. DISPOSAL CONSIDERATIONS

Disposal information Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult appropriate federal, state and local regulatory agencies to ascertain proper disposal procedures. Dispose of all product, residues and clean-up materials in accordance with local, state, and federal regulations.

Contaminated packaging Dispose in accordance with local, state and federal regulations.

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
Cellulose	9004-34-6	-	-	-
Cured Urea Formaldehyde Resin	9011-05-6	-	-	-
Aluminum Oxide	1344-28-1	-	-	-

Special Precautions Not applicable

15. REGULATORY INFORMATION

State regulations

U.S. state Right-to-Know regulations

Chemical name	CAS-No	Massachusetts - RTK	New Jersey - RTK	Pennsylvania - RTK
Cellulose	9004-34-6	X	X	X
Cured Urea Formaldehyde Resin	9011-05-6	-	-	-
Aluminum Oxide	1344-28-1	X	X	X

California Prop. 65

Chemical name	CAS-No	California Prop. 65
Cellulose	9004-34-6	Carcinogen
Cured Urea Formaldehyde Resin	9011-05-6	-
Aluminum Oxide	1344-28-1	-

U.S. Federal Regulations

US EPA SARA 313

Chemical name	CAS-No	CERCLA/SARA Hazardous Substances RQ	SARA 313 - Threshold Values
Cellulose	9004-34-6	-	-

Chemical name	CAS-No	CERCLA/SARA Hazardous Substances RQ	SARA 313 - Threshold Values
Cured Urea Formaldehyde Resin	9011-05-6	-	-
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
Cellulose	X	X	-
Cured Urea Formaldehyde Resin	X	X	-
Aluminum Oxide	X	X	-

Legend X - Listed

16. OTHER INFORMATION

NFPA

Health 1
Flammability 1
Instability 0

HMIS

Health 1
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