



Safety Data Sheet

RUBBERIZED ABRASIVES

SECTION I. PRODUCT IDENTIFICATION AND MANUFACTURING COMPANY

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Product identifier: Heatless Rubber based wheels	Product name: 11.426-11.440

SECTION II – HAZARD(S) IDENTIFICATION

2.1. Classification of the substance or mixture

Do not handle until all safety precautions have been read and understood. Under correct conditions of use and proper safety equipment should not cause danger.

Physical:

Corrosion / irritation:	Severe eye damage / irritation:	Specific target organ toxicity, single exposure:
Not Hazardous	Not Hazardous	May cause nose and throat irritation

2.2 GHS label elements

Signal Word:	Hazard statements	
Danger	Health H316 causes mild skin irritation H319 causes serious eye irritation	Prevention P280 Wear eye/ face protection P363 Wash thoroughly after handling

Hazard pictogram





GHS – precautionary statements(s) - Response

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists get medical advice/ attention.

GHS - precautionary statements(s) – Storage

If skin irritation occurs: Get medical advice/ attention.
There are not precautionary – storage statements.

GHS - precautionary statements(s) – Disposal

Should be in accordance with applicable local regional, national and/ or international regulations.

Hazards not otherwise classified (HNOC)

None known.

SECTION III – CHEMICAL (S) IDENTIFICATION

Chemical characterization: Solid mixture.

Substance	CAS	%
Crystalline Silica (quartz)	14808-60-7	0-1
Titanium Dioxide	13463-67-7	0-1
Furfuryl alcohol	98-00-0	0-1
Phenol	108-95-2	0-1
Hexamethylenetetramine	1	0-05
Quartz (SiO ₂)	14808-60-7	0-05
Non-hazardous toxic		
Neoprene based Acrylonitrile/Butadiene based		

For the listed ingredients, the identity and exact percentages are being withheld as a trade secret. There is no exposure to hazardous ingredients during use.

SECTION IV – FIRST AID MEASURES

4.1 Description of necessary measures:

Eyes contact Immediately flush eyes with plenty of water for at least 15 to 20 minutes. Get medical attention if irritation develops or persists.

Skin contact Brush off loose particles from skin. Wash with soap and water.
If skin irritation is experienced, consult a doctor.

Ingestion contact Accidental ingestion of this material is unlikely. If this happen seek medical attention.

Inhalation contact Always use respiratory protection equipment. If dust is inhaled, remove the

affected person to fresh air. If symptoms persist, get medical attention.

General information No special measures required.

4.2 Most important symptoms/ effects, acute and delayed

Eyes contact	Irritation.
Skin contact	Irritation.
Ingestion contact	Not applicable.
Inhalation contact	Prolonged inhalation of high concentration of dust may cause adverse effects on the lungs.

4.3 Indication of immediate medical attention and special treatment needed

Notes to physicians	Not applicable.
Specific treatments	Without specific treatment.
Special protective equipment and precautions for fire-fighters	Should wear full emergency equipment and NIOSH approved positive pressure self- contained apparatus.

SECTION V – Fire-Fighting Measures

5.1 Suitable (and unsuitable) extinguishing media

Suitable Use any media that is suitable for the surrounding fire. Do not use water on fires involving metals dusts. Use an appropriate dry powder.

Unsuitable Not applicable.

5.2 Specific hazards arising from the chemical

Hazardous combustion by products Not applicable.

Unusual fire hazards Not applicable.

5.3 Special protective equipment and precautions for fire-fighters

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

Firefighting instructions Not applicable.

SECTION VI. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures



Personal precautions Wear appropriate respirator and protective clothing as needed avoid eye contact and inhalation of dust. *(see section 8 for personal protective equipment)*

6.2 Environmental protections

Environmental precautions Avoid runoff into storm sewers, ditches and waterways.

6.3 Methods and materials for containment and cleaning up

Spill cleanup measures Not applicable.

SECTION VII. Handling and storage

7.1 Precautions for safe handling

Handling Use with adequate ventilation. Avoid breathing vapor and contact with eyes, skin and clothing. Use as prescribed by ANSI B7.1.

Do not handle until all safety precautions have been read and understood.

Hygiene practices Wash thoroughly after handling. Avoid contact with eyes and skin. Avoid inhaling vapor or mist.

7.2 Conditions for safe storage, including any incompatibilities

Storage Store in a dry and well ventilated area. Keep container tightly closed when not in use.

SECTION VIII. Exposure Controls

8.1 Exposure Guidelines

Substance	CAS	OSAH (PEL)	ACGIH TLV	NIOSH (REL)	AIHA WEEL
Crystalline Silica (quartz)	14808-60-7	0.05 mg/m3 TWA (RESPIRABLE DUST)	0.025 mg/m3 TWA (respirable dust)	0.05 mg/m3 TWA (respirable dust)	-
Titanium Dioxide	13463-67-7	-	-	-	-
Furfuryl alcohol	98-00-0	50 ppm (TWA); 200 mg/m3 (TWA)	15 ppm STEL	40 mg/m3 TWA	-

Phenol	108-95-2	19 mg/m ³ 5ppm	5 ppm	-	-
Hexamethylenetetramine	100-97-0	Not aplicable	Not aplicable	-	-
Quartz (SiO ₂)	14808-60-7	substance is not listed.	Long term value 0.025 mg/m ³ dust respirable fraction	-	-

8.2 Appropriate engineering controls

Use appropriate engineering control such as process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

8.3 Personal protection measures:

- Respiratory: Not necessary unless workplace concentrations of hazardous constituents exceed exposure limits. If is required, use an OSHA/NIOSH or approved.
- Skin: protection: Protective gloves recommended to avoid skin abrasion when handling grinding wheels.
- Eye protection: use safety glasses with side shields or goggles.
- Other: Hearing protection if operation is noisy. Respect the recommended speed limits for the product as it may disintegrate during use and cause injury. Use as prescribed by ANSI B7.1.



SECTION IX. Physical and chemical properties

9.1 Appearance: Solid reddish.

9.2 Odor: Odorless.

9.3 pH: Not available.

9.4 Melting point: Not available

9.5 Flammability (solid, gas): Not flammable

9.6 Upper/lower flammability or explosive limits: Not explosive. Limits do not apply.

9.7 Relative density: Not applicable.

9.8 Solubility: Insoluble.

9.9 Decomposition temperature: Not available.

9.10 Explosive properties: Not explosive.

9.11 Oxidizing properties: Non-oxidizing.

SECTION X. Stability and reactivity

10.1 Reactivity: Not reactive under normal conditions of use and storage.

10.2 Chemical stability: Stable.

10.3 Possibility of hazardous reactions: None known.

10.5 Incompatible materials: None known.

10.6 Hazardous decomposition products: None known. Dust from grinding could contain potentially hazardous components of the base material being ground or coatings applied to the base material.

SECTION XI. Toxicological information

Ingestion: None expected under normal use conditions.

Inhalation: Dust may cause respiratory irritation.

Eye: Dust may cause eye irritation. Particles may cause abrasive injury to the eyes.

Skin: None expected under normal use conditions. Rubbing product across the skin may cause mechanical irritation or abrasions.

Sensitization: This material is not known to cause sensitization.

Chronic: Long-term overexposure to respirable dust may cause lung damage (fibrosis) with symptoms of coughing, shortness of breath and diminished breathing capacity. Chronic effects may be aggravated by smoking. Prolonged exposure to elevated noise levels during operations may affect hearing. A greater hazard, in most cases, is the exposure to the dust/fumes from the material or paint/coatings being ground. Most of the dust generated during grinding is from the base material being ground and the potential hazard from this exposure must be evaluated.

Carcinogenicity: Components are listed as a carcinogen 1B or potential carcinogen by OSHA, NTP or IARC.

Medical Conditions Aggravated by Exposure: Employees with pre-existing respiratory disease may be at risk from exposure.

Acute Toxicity Values: Not available.

SECTION XII. Ecological information

12.1 Toxicity

No further information available.

12.2 Persistence and degradability

No further relevant information available.

12.3 Bioaccumulative potential	No further relevant information available.
12.4 Mobility in soil	No further relevant information available.
12.5 Additional information	No further relevant information available.

SECTION XIII. Disposal considerations

Dispose in accordance with all local, state and national regulations. Local regulations may be more stringent than regional and national requirements. It is the responsibility of the waste generator to determine the toxicity and physical characteristics of the material to determine the proper waste identification and disposal in compliance with applicable regulations.

SECTION XIV. Transport information

14.1 UN – Number	
DOT, ADR, ADN, IMDG, IATA	Not regulated
14.2 UN Proper shipping name	
DOT, ADR, ADN, IMDG, IATA	Not regulated
14.3 Transport hazard class (es)	
Class	Not regulated
14.4 Packing group	
DOT, ADR, ADN, IMDG, IATA	Not regulated
14.5 Environmental hazards	
Marine pollutant	No
14.6 Special precautions for user	Not applicable
14.7 Transport in bulk according to annex II of MARPOL 73/78 and the IBC code	
	Not applicable

SECTION XV. Regulatory information

Safety, health and environmental regulations specific for the product in question:

EPA SARA 313 None.



EPA TSCA Inventory

This product meets the definition of an article and is exempt the TSCA inventory requirements.

California proposition 65

WARNING: This product can expose you to chemicals including Furfuryl alcohol/Silica, which are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

SECTION XVI. Other information

The information on this SDS is consider being correct but does not propose to be all inclusive and shall be used only as a guide. Grobet File Company of America, Inc shall not be held liable for any damage resulting from handling or from contact with the above product. This information relates only to the product designated herein and does not relate to its use in combination with any other material or process.