

SAFETY DATA SHEET
Silicone Bonded Abrasive Wheels
11.861,11.862,11.863, 11.864

SECTION 1 — PRODUCT AND COMPANY IDENTIFICATION

Product Name	Silicone Bonded Abrasive Wheels
Product Use	Finishing and polishing of precious and non-precious metals
Distributor Name	Grobet File Company of America, LLC
Legal Entity	Grobet File Company of America, LLC
Address	750 Washington Avenue, Carlstadt, NJ 07072, USA
Phone	201 939-6700
Website	www.grobetusa.com
Order Email	sales@grobetusa.com
Issue Date	May 13, 2026

SECTION 2 — HAZARDS IDENTIFICATION

Hazard Summary	The silicone bonded wheels can be stored without risk. They are inert, noncombustible, and will not develop noxious substances in case of fire or contact with reactive substances.
GHS Classification	Not classified as hazardous under OSHA HazCom 2012 (29 CFR 1910.1200).
California Prop 65 Warning	WARNING: This product can expose you to titanium dioxide (airborne, unbound particles of respirable size), which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov

SECTION 3 — COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	Common Name	CAS No.	Notes
Aluminium Oxide	Brown or White Corundum	1344-28-1	Electrofused alumina; absolutely inert
Silicon Carbide	Carbor	409-21-2	Insoluble, inert; dust does not cause silicosis
Sulfur	N/A	7704-34-9	
Titanium Dioxide	Titania	13463-67-7	White pigment; Prop 65 listed (airborne inhalable particles)
Zinc Oxide	N/A	1214-13-2	
Zirconium Silicate	Zircon	N/A	Absolutely inert
Silicone Rubber Elastomers	Binder	N/A	Not toxic or allergenic; physiologically inert

SECTION 4 — FIRST AID MEASURES

Inhalation (during grinding)	Move person to fresh air. Give artificial respiration as needed. Obtain medical attention if symptoms develop and persist.
Skin Contact (during grinding)	Wash affected areas with water and soap.
Eye Contact (during grinding)	Flush eyes with running water.
Ingestion (during grinding)	No known adverse effect, but ingestion is not recommended. Obtain medical assistance.

SECTION 5 — FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Not applicable (product is non-flammable)
Hazardous Combustion Products	None
Special Procedures	None required

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Personal Precautions	None required under normal conditions
Environmental Precautions	No known environmental effect
Cleanup	Sweep or vacuum and dispose of in accordance with applicable regulations

SECTION 7 — HANDLING AND STORAGE

Handling	No special precautions required under normal use conditions. Avoid generating airborne dust during grinding operations.
Storage	No special requirements. Store in a dry location away from direct sunlight.

SECTION 8 — EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Controls	Use local exhaust ventilation when grinding to minimize airborne dust exposure.
Respiratory Protection	A NIOSH-approved dust mask or respirator (minimum N95) is recommended during extended grinding operations. Titanium dioxide and other fine particulates are generated during use.
Eye Protection	Safety glasses or goggles are recommended during use to protect against dust and debris generated during grinding.
Hand Protection	General work gloves recommended
Body Protection	No special requirements

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Solid
Color	Various
Odor	None
Flammability	Non-flammable
Melting Point	Not applicable
Auto-ignition Temperature	None
Explosion Hazard	None
Solubility in Water	Not soluble
Flash Point	Not applicable

SECTION 10 — STABILITY AND REACTIVITY

Chemical Stability	Stable under normal conditions
Conditions to Avoid	None
Materials to Avoid	None
Hazardous Decomposition	None

SECTION 11 — TOXICOLOGICAL INFORMATION

Acute Toxicity	No available data for this product as a whole
Chronic Toxicity	Titanium dioxide: Listed by IARC as possibly carcinogenic to humans (Group 2B) and by California Prop 65 as a known carcinogen when inhaled as airborne, unbound particles of respirable size.
Irritancy	No available data
Other	If correctly used according to current knowledge, the ingredients of this product are not harmful to the user.

SECTION 12 — ECOLOGICAL INFORMATION

Biodegradability	No available data
Behavior in Water	Product sinks in water
Ecotoxicity	None identified

SECTION 13 — DISPOSAL CONSIDERATIONS

Disposal Method	No special requirements. Dispose of in accordance with applicable local, state, and federal regulations.
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SECTION 14 — TRANSPORT INFORMATION

Regulatory Status	Not classified as hazardous for transport (ADR/RID/IATA/IMDG)
UN Number	Not applicable
Proper Shipping Name	Not applicable

SECTION 15 — REGULATORY INFORMATION

California Prop 65	This product contains titanium dioxide, a chemical known to the State of California to cause cancer when present as airborne, unbound particles of respirable size. Warning required per California Health and Safety Code Section 25249.6.
OSHA HazCom	This product is not classified as hazardous under OSHA 29 CFR 1910.1200 (HazCom 2012). Prop 65 warning applies per California state law.
Labeling (EU)	Not required under CEE regulations
Regional Regulations	Users are responsible for compliance with all applicable regulations in their country or region.

SECTION 16 — OTHER INFORMATION

Issue Date	May 13, 2026
Supersedes	Original Manufacturer SDS dated 2015-10-19 / 2016-02-19
Disclaimer	This SDS is based on information provided by the manufacturer and is accurate to the best of Grobet File Company of America's knowledge as of the issue date. It shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. Users are responsible for determining the suitability of this information for their particular use.

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