



SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER

Product Name: Polishing Compound
P/N 2615110421 (Cat #421), P/N. 2610918802 (Cat #802), P/N 2610948673 (Cat #421)
P/N 2610967714

Product Description: Abrasive System Division

Use of the product: Use with felt or cloth accessories to polish metals and plastics. Compound will remove a dull oxidized film and/or light surface imperfections.

Date of issue: 10-07-15

Manufacturer/Distributor:
Robert Bosch Tool Corporation
1800 W. Central Road
Mt. Prospect, IL 60056

For More Information Call:
(Monday-Friday, 8:00 AM– 5:00 PM CST)
Bosch Customer Service
(877) 267-2499

In Case Of Emergency Call:
(24 Hours/Day, 7 Days/Week)
(877) 303-0891

SECTION 2: HAZARDS IDENTIFICATION

Classification:

Not classified as hazardous as defined by the GHS and OSHA 29 CFR 1910.1200.

Label Elements:

None Required.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	PERCENT GC
Silicon Carbide	76
Vitrified Bond	24

CHEMICAL COMPOSITION	CAS#	%
SiC	409-21-2	75
SiO ₂	7631-86-9	16.6
Al ₂ O ₃	1344-28-1	4.2
CaO	1305-78-8	0.7
K ₂ O	12136-45-7	1.6
Fe ₂ O ₃	1309-37-1	0,06
Wax	71808-29-2	1.04



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SECTION 4: FIRST AID MEASURES

Inhalation:

If signs/symptoms occur, remove person to fresh air. If signs/symptoms continue, get medical attention.

Eye Contact:

Immediately flush eyes with plenty of water for 15 minutes. If abrasive particles are not removed by flush, obtain medical attention.

Skin Contact:

Wash contaminated skin with soapy water. Remove contaminated clothing and shoes. Wash clothing and shoes.

Ingestion:

If dust is swallowed, seek medical attention.

Most important symptoms/effects, acute and delayed:

Dust may cause slight eye and skin irritation. Dust may cause slight nose, throat and upper respiratory tract irritation.

Indication of immediate medical attention and special treatment, if necessary:

Immediate medical attention is generally not required.

SECTION 5: FIREFIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:

Carbon dioxide, dry chemical, foam, water fog. Treat as an oil fire

Specific Hazards Arising from the Chemical:

Fine dusts created during the polishing processing may be spontaneously combustible or create a dust explosion hazard. Material will burn under fire conditions- treat as an oil fire. Hazardous decomposition may produce oxides of carbon and smoke.

Special Protective Equipment and Precautions for Fire-Fighters:

Firefighters should wear full emergency equipment and NIOSH approved positive pressure self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures:

Wear appropriate protective clothing as needed to avoid eye and skin contamination

Environmental precautions:

Avoid release into the environment. Report releases as required by local, state and federal authorities

Methods and materials for containment and cleaning up:

Pick up, sweep up or vacuum and place into a container for disposal. Minimize generation of dust.

SECTION 7: HANDLING AND STORAGE

Handling:

Wear protective gloves if skin irritation is experienced. Wash hands before eating. Avoid breathing dust during use.

Reactivity:

No dangerous reaction known under conditions of normal use.

Chemical stability:

Stable under normal temperatures and pressures.

Storage:

Store at room temperature away from excessive heat.



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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure guidelines:

Wax	2 mg/m3 TWA ACGIH TLV (as fume)
Al2O3	5 mg/m3 ACGIH TLV (respirable fraction) (as Al metal) 15 mg/m3 TWA OSHA PEL (total dust) 5 mg/m3 TWA OSHA PEL (respirable fraction)
SiC	3 mg/m3 ACGIH TLV (respirable fraction) 15 mg/m3 OSHA PEL (total dust)
Silicon dioxide	None Established

Engineering Controls:

Local exhaust ventilation should be provided to maintain the airborne exposure to personnel below the OSHA & PEL TWA during handling and use

Personal protection / Respirator:

When engineering controls cannot be provided a NIOSH/MHSA approved respirator for dusts, having TWA not less than 0.05 MG/M3, should be used during buffing operations. Respiratory protection is usually not required during normal storage and handling.

Eye Protection:

Protective eye-wear should be used in dusty environment

Skin Protection:

Wear solvent resistant gloves and other clothing as needed to prevent exposure.

Other Recommendations:

Wear protective clothing such as long sleeves. Wash hands after handling.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State	.....	Solid
Appearance	.....	Brown
Melting Point	.....	55°C (131 °F)
Boiling Point	.....	140°C (284 °F)
Vapor Pressure	.....	Not Applicable
Vapor Density	.....	Not Applicable
Evaporation Rate	.....	Not Applicable
Solubility In water	.....	Not Applicable
Percent Volatile	.....	Not Applicable
PH	.....	Not Applicable
Viscosity	.....	Not Applicable

SECTION 10: STABILITY AND REACTIVITY

Reactivity:

No dangerous reaction known under conditions of normal use.

Chemical stability:

Stable under normal temperatures and pressures.

Possibility of hazardous reactions:

None known.

Conditions to avoid:

None known.

Incompatible materials:

Oxidizing agents and reducing agents.

Hazardous decomposition products:



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Thermal decomposition may produce carbon oxides and smoke. Dust from processing or polishing could contain ingredients listed in Section 3 and other, potentially more hazardous components of the base material being sanded or coatings applied to the base material.

SECTION 11: TOXICOLOGICAL INFORMATION

Routes of exposure:

Ingestion: None expected under normal use conditions.

Inhalation: Dust may cause respiratory irritation.

Eye: Dust may cause eye irritation. Dust 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

Chronic effects from short- and long-term exposure:

No data available.

Sensitization:

Not expected to cause sensitization.

Carcinogenicity:

None of the other components is listed as a carcinogen or potential carcinogen by OSHA,NTP or IARC.

Numerical measures of toxicity:

No data available

SECTION 12: ECOLOGICAL INFORMATION

No Information Available

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose in accordance with all applicable local, state/provincial and federal 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 14: TRANSPORT INFORMATION

	UN Number	Proper Shipping Name	Hazard Class	Packing Group	Environmental Hazard
DOT	None	Not Regulated	None	None	
TDG	None	Not Regulated	None	None	

Transport in bulk:

Not applicable – product is transported only in packaged form.

Special precautions:

None identified.

SECTION 15: REGULATORY INFORMATION

TSCA (Toxic Substance Control Act): All components of this product are listed on the TSCA Inventory.

CERCLA (Comprehensive Emergency Response, Compensation, and Liability Act): Not Reportable.

SARA TITLE III (Superfund Amendments and Reauthorization Act):

302 Extremely Hazardous Substance's: NONE

311 Hazard Categorization: Acute - Chronic X Fire - Pressure - Reactive - Not Established

312 is the section for the Annual Reporting of SARA 311

313 Reportable Ingredients: NONE



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CALIFORNIA Proposition 65 Ingredients: None

MICHIGAN Critical Materials: Not determined

NEW JERSEY Environmental Hazardous Substance List: Not determined

PENNSYLVANIA Hazardous Substance: Not determined

PENNSYLVANIA Environmental Hazardous Substance: Not determined

CANADIAN WHMIS: The workplace Hazardous Materials Information System Classification for this product is: Class D, Div 2, Sub div B, Eye/Skin Irritant

CPR: This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR)

HAZARDOUS PRODUCTS ACT See CERCLA information above

SECTION 16: OTHER INFORMATION

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It shall be the responsibility of the customer purchasing this product to ensure that all employees/users of this product are familiar with and trained in the handling, use and hazards associated with this product as contained herein. This responsibility shall also extend directly to the user.