



## Material Safety Data Sheet

### Blue Polishing Compound

Component Data		
	Occupational exposure standard (OES)	Content %
Aluminium oxide	5 mg / m <sup>3</sup>	68
Petroleum wax / oil mixture		32
Hazard identification data		
In the process of transportation, storage and use, it will not cause harm to human health, but pay attention to the pollutants generated during use.		
First aid		
Reaction		
Inhalation: The material is not harmful to the respiratory system when supplied, but pollutants are generated during polishing.		
Eye contact: Short-term contact can slightly irritate the eyes, and long-term contact can cause the cornea to be abraded and scratched.		
Skin contact: Normal product will not irritate the skin, only slight irritation to sensitive skin.		
Ingestion: Normal industrial use without danger of ingestion.		
First Aid		
Inhalation: If exposed to excessive dust levels, move to fresh air.		
Eye contact: Open the eyelids immediately, rinse the contaminated eyes with mild warm water for 15 minutes, and Seek medical attention immediately.		
Skin contact: Wash with soap and water.		
Ingestion: Drink plenty of water-do not try to stimulate vomiting		
First fighting measures		
Properties: Ignition point> 190 °C		
Suitable extinguishing agents: carbon dioxide, water spray, or dry powder.		



Combustion products: At high temperatures, the product releases carbon monoxide and carbon dioxide.

#### **Leak treatment method**

Harmless; however, do not dump it in the sewage channel, and the material should be cleaned for reuse, recycling or proper disposal.  
May cause ground slip

#### **Disposal and storage methods**

Storage temperature: Room temperature

General principles: Avoid direct sunlight and away from heat and fire sources, to prevent the product from dissolving by heat when leaving residues in the device, please pay attention to safety.

#### **Exposure Prevention / Personal Protection**

Engineering control: When used, a local exhaust device (Local Exhaust Ventilation, LEV) to ensure exposure is below the occupational exposure standard OES.

Respiratory protection: Avoid inhaling dust generated during grinding, please use a suitable mask.

Hand protection: For regular and long-term work, use protective gloves.

Eye protection: Safety glasses or goggles are recommended.

Skin protection: A cloth apron is recommended when polishing is in progress.

#### **Physical and chemical properties**

State of matter:	Solid wax
Colour:	Blue
Odour:	Moderate
State change:	Boiling point-not applicable Melting point> 52 °C
Flash point:	Not applicable
Vapour pressure:	Not applicable
Specific Gravity:	> 1.6
S.G.:	
Vapor density (air = 1):	Not applicable
Solubility:	Negligible



PH value :	Not applicable
Viscosity:	Not applicable
<b>Stability and reactivity</b>	
Stability:	Stable and without harmful polymerization
Conditions to avoid:	No expected incompatibility in normal industrial use
Substances to avoid:	No expected incompatibility in normal industrial use
Hazardous decomposition products: Unrecognizable	
<b>Toxicity information</b>	
Acute toxicity: Non-toxic	
Irritation: May cause eye or skin irritation	
Comment: Non-toxic	
<b>Ecological information</b>	
Avoid flushing into the sewage channel, biodegradable products will not cause environmental pollution.	
<b>Disposal methods</b>	
The product itself is not harmful and can be discarded in accordance with local regulations for non-hazardous waste, but please determine if you have been exposed to hazardous substances before disposal.	
<b>Shipping information</b>	
Harmless	
<b>Regulatory information</b>	
Supply Tag: No	
Hazard warning code: Not applicable	
Safety precaution code: Avoid contact with skin and eyes	
<b>Other information</b>	
After using the polishing wax, waste will normally be generated, which contains dry polishing wax, cotton yarn of polishing wheels, chemical fibre, and polishing residue, which are flammable after mixing. Therefore, the fire extinguishing materials used in the event of a fire must be measured. In addition, metal shavings, such as lead, titanium, or magnesium, will increase the degree of combustion, and other extinguishing materials must be considered. For polishing wax residues, water, chemical foam or carbon dioxide is	



generally recommended. For special metal shavings, only chemical foam or other can be used. In some cases, it will change due to the grinding of different metals. You should check with the raw material supplier about the metal Fire extinguishing materials and procedures.

The above information is based on our current knowledge and experience of the product and is not exhaustive. Unless stated otherwise, this information applies to products that meet specifications. When combining and mixing, make sure that no new dangers arise. With regard to the protection of this product, personal hygiene and human well-being and the environment, the user cannot at all times exempt from complying with all legal, administrative and regulatory procedures.



## Material Safety Data Sheet

### Brown Polishing Compound

Component Data		
	Occupational exposure standard (OES)	Content %
Feldspar powder	5 mg / m <sup>3</sup>	75
Petroleum wax / oil mixture		25
Hazard identification data		
In the process of transportation, storage and use, it will not cause harm to human health, but pay attention to the pollutants generated during use.		
First aid		
Reaction		
Inhalation: The material is not harmful to the respiratory system when supplied, but pollutants are generated during polishing.		
Eye contact: Short-term contact can slightly irritate the eyes, and long-term contact can cause the cornea to be abraded and scratched.		
Skin contact: Normal product will not irritate the skin, only slight irritation to sensitive skin.		
Ingestion: Normal industrial use without danger of ingestion.		
First Aid		
Inhalation: If exposed to excessive dust levels, move to fresh air.		
Eye contact: Open the eyelids immediately, rinse the contaminated eyes with mild warm water for 15 minutes, and Seek medical attention immediately.		
Skin contact: Wash with soap and water.		
Ingestion: Drink plenty of water-do not try to stimulate vomiting		
First fighting measures		
Properties: Ignition point> 190 °C		
Suitable extinguishing agents: carbon dioxide, water spray, or dry powder.		



Combustion products: At high temperatures, the product releases carbon monoxide and carbon dioxide.

#### **Leak treatment method**

Harmless; however, do not dump it in the sewage channel, and the material should be cleaned for reuse, recycling or proper disposal.  
May cause ground slip

#### **Disposal and storage methods**

Storage temperature: Room temperature

General principles: Avoid direct sunlight and away from heat and fire sources, to prevent the product from dissolving by heat when leaving residues in the device, please pay attention to safety.

#### **Exposure Prevention / Personal Protection**

Engineering control: When used, a local exhaust device (Local Exhaust Ventilation, LEV) to ensure exposure is below the occupational exposure standard OES.

Respiratory protection: Avoid inhaling dust generated during grinding, please use a suitable mask.

Hand protection: For regular and long-term work, use protective gloves.

Eye protection: Safety glasses or goggles are recommended.

Skin protection: A cloth apron is recommended when polishing is in progress.

#### **Physical and chemical properties**

State of matter:	Solid wax
Colour:	Brown
Odour:	Moderate
State change:	Boiling point-not applicable Melting point> 47 °C
Flash point:	Not applicable
Vapour pressure:	Not applicable
Specific Gravity:	> 1.5
S.G.:	
Vapor density (air = 1):	Not applicable
Solubility:	Negligible



PH value :	Not applicable
Viscosity:	Not applicable
<b>Stability and reactivity</b>	
Stability:	Stable and without harmful polymerization
Conditions to avoid:	No expected incompatibility in normal industrial use
Substances to avoid:	No expected incompatibility in normal industrial use
Hazardous decomposition products: Unrecognizable	
<b>Toxicity information</b>	
Acute toxicity: Non-toxic	
Irritation: May cause eye or skin irritation	
Comment: Non-toxic	
<b>Ecological information</b>	
Avoid flushing into the sewage channel, biodegradable products will not cause environmental pollution.	
<b>Disposal methods</b>	
The product itself is not harmful and can be discarded in accordance with local regulations for non-hazardous waste, but please determine if you have been exposed to hazardous substances before disposal.	
<b>Shipping information</b>	
Harmless	
<b>Regulatory information</b>	
Supply Tag: No	
Hazard warning code: Not applicable	
Safety precaution code: Avoid contact with skin and eyes	
<b>Other information</b>	
After using the polishing wax, waste will normally be generated, which contains dry polishing wax, cotton yarn of polishing wheels, chemical fibre, and polishing residue, which are flammable after mixing. Therefore, the fire extinguishing materials used in the event of a fire must be measured. In addition, metal shavings, such as lead, titanium, or magnesium, will increase the degree of combustion, and other extinguishing materials must be considered. For polishing wax residues, water, chemical foam or carbon dioxide is	



generally recommended. For special metal shavings, only chemical foam or other can be used. In some cases, it will change due to the grinding of different metals. You should check with the raw material supplier about the metal Fire extinguishing materials and procedures.

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## Material Safety Data Sheet

### Green Polishing Compound

Component Data		
	Occupational exposure standard (OES)	Content %
Chromium oxide	5 mg / m <sup>3</sup>	56
Alumina	5 mg / m <sup>3</sup>	10
Petroleum wax / oil mixture		34
Hazard identification data		
In the process of transportation, storage and use, it will not cause harm to human health, but pay attention to the pollutants generated during use.		
First aid		
Reaction  Inhalation: The material is not harmful to the respiratory system when supplied, but pollutants are generated during polishing.  Eye contact: Short-term contact can slightly irritate the eyes, and long-term contact can cause the cornea to be abraded and scratched.  Skin contact: Normal product will not irritate the skin, only slight irritation to sensitive skin.  Ingestion: Normal industrial use without danger of ingestion.  First Aid  Inhalation: If exposed to excessive dust levels, move to fresh air.  Eye contact: Open the eyelids immediately, rinse the contaminated eyes with mild warm water for 15 minutes, and Seek medical attention immediately.  Skin contact: Wash with soap and water.  Ingestion: Drink plenty of water-do not try to stimulate vomiting		
First fighting measures		
Properties: Ignition point> 190 °C		



Suitable extinguishing agents: carbon dioxide, water spray, or dry powder.

Combustion products: At high temperatures, the product releases carbon monoxide and carbon dioxide.

#### **Leak treatment method**

Harmless; however, do not dump it in the sewage channel, and the material should be cleaned for reuse, recycling or proper disposal.  
May cause ground slip

#### **Disposal and storage methods**

Storage temperature: Room temperature

General principles: Avoid direct sunlight and away from heat and fire sources, to prevent the product from dissolving by heat when leaving residues in the device, please pay attention to safety.

#### **Exposure Prevention / Personal Protection**

Engineering control: When used, a local exhaust device (Local Exhaust Ventilation, LEV) to ensure exposure is below the occupational exposure standard OES.

Respiratory protection: Avoid inhaling dust generated during grinding, please use a suitable mask.

Hand protection: For regular and long-term work, use protective gloves.

Eye protection: Safety glasses or goggles are recommended.

Skin protection: A cloth apron is recommended when polishing is in progress.

#### **Physical and chemical properties**

State of matter:	Solid wax
Colour:	Green
Odour:	Moderate
State change:	Boiling point-not applicable Melting point> 51 °C
Flash point:	Not applicable
Vapour pressure:	Not applicable
Specific Gravity:	> 1.6
S.G.:	
Vapor density (air = 1):	Not applicable



Solubility:	Negligible
PH value :	Not applicable
Viscosity:	Not applicable

#### **Stability and reactivity**

Stability:	Stable and without harmful polymerization
Conditions to avoid:	No expected incompatibility in normal industrial use
Substances to avoid:	No expected incompatibility in normal industrial use
Hazardous decomposition products:	Unrecognizable

#### **Toxicity information**

Acute toxicity: Non-toxic  
Irritation: May cause eye or skin irritation  
Comment: Non-toxic

#### **Ecological information**

Avoid flushing into the sewage channel, biodegradable products will not cause environmental pollution.

#### **Disposal methods**

The product itself is not harmful and can be discarded in accordance with local regulations for non-hazardous waste, but please determine if you have been exposed to hazardous substances before disposal.

#### **Shipping information**

Harmless

#### **Regulatory information**

Supply Tag: No  
Hazard warning code: Not applicable  
Safety precaution code: Avoid contact with skin and eyes

#### **Other information**


After using the polishing wax, waste will normally be generated, which contains dry polishing wax, cotton yarn of polishing wheels, chemical fibre, and polishing residue, which are flammable after mixing. Therefore, the fire extinguishing materials used in the event of a fire must be measured. In addition, metal shavings, such as lead, titanium, or magnesium, will increase the degree of combustion, and other extinguishing materials




must be considered. For polishing wax residues, water, chemical foam or carbon dioxide is generally recommended. For special metal shavings, only chemical foam or other can be used. In some cases, it will change due to the grinding of different metals. You should check with the raw material supplier about the metal Fire extinguishing materials and procedures.

The above information is based on our current knowledge and experience of the product and is not exhaustive. Unless stated otherwise, this information applies to products that meet specifications. When combining and mixing, make sure that no new dangers arise. With regard to the protection of this product, personal hygiene and human well-being and the environment, the user cannot at all times exempt from complying with all legal, administrative and regulatory procedures.

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