

<b>MATERIAL SAFETY DATA SHEET</b>		<b>Polishing Compound</b>	
Due to 91/155/EWG		<b>E</b>	
<b>Date of issue: May 21<sup>st</sup>, 2007</b>		<b>Date printed: 4-Jul-07</b>	
<p>This material safety data sheet (MSDS) is provided as a courtesy in response to a customer request. This product is not regulated under, and a MSDS is not required for this product by the OSHA Hazard Communication Standard (29 CFR 1910,2000) because, when used as recommended or under ordinary conditions, it should not present a health and safety hazard. However, use or processing of the product not in accordance with the product's recommendations or under ordinary conditions may affect the performance of the product and my present potential health and safety hazards.</p> <p>Abbreviations: N/D not determined, N/A not applicable, CA approximately</p>			
<b>Section 1</b>		<b>Identification of the substances and of the company</b>	
Identification of the Substance:	Polishing compound		
Common name:	Polistar Pink		
Company identification:	HATHO GmbH Freiburger Straße 18 79427 Eschbach Germany		phone: ++49-7634-5039 0 fax: ++ 49-7634-5039 20 email. info@hatho.de
Emergency telephone:	++49-7634-5039 0		
<b>Section 2</b>		<b>Information on Ingredient</b>	
Aluminum Oxide:	Yes		
Fatty acid:	~20%		
Mineral Wax:	~15%		
<b>Section 3</b>		<b>Hazards Identification</b>	
Human hazards:	In case of correct use there is no health effect known.		
Environmental hazards: Recommended disposal	Environmental hazards: Recommended disposal		
Regulatory information	Regulatory information		
<b>Section 4</b>		<b>First aid Measures</b>	
Skin:	Wash affected area with soap and water		
Eyes:	Immediately flush eyes with large amounts of water. Get immediate medical attention.		
Ingestion:	If signs/symptoms occur, wash out mouth thoroughly with water and remove person to fresh air . If signs/symptoms continue, call physician.		
<b>Section 5</b>		<b>Fire Fighting Measures</b>	
Extinguishing media:	Water, Carbon dioxide, dry chemical, foam		
Special fire fighting procedures:	Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.		
NFPA Hasard Codes:	Health: 1, fire: 0, reactivity 0		
<b>Section 6</b>		<b>Accidental Release measures</b>	
Methods for cleaning up:	Water		

<b>Section 7</b>		<b>Handling and storage</b>	
Handling:		Wear safety glasses with side shields (recom: ANSI Stand Z87.1)	
Measures against fire and explosion:		Use exhaust for polishing dust	
Storage		In dry surrounding	
<b>Section 8</b>		<b>Exposure controls/personal protection</b>	
General:		Use general rules for polishing with rotating instruments	
Personal protection:		Wear eye protection and gloves when necessary	
Respiratory protection:		Avoid breathing of dust created by cutting, sanding or grinding. Select one of the following NIOSH approved respirators based on airborne concentration of contaminants and in accordance with OSHA regulations: half-Mask dust respirator, full-face dust respirator.	
Eye protection:		Wear safety glasses	
<b>Section 9</b>		<b>Physical and Chemical Properties</b>	
Melting point:		> 40 °C (104°F)	
Boiling point:		> 150 °C (302°F)	
Relative density:		1 Kg/l	
Solubility:		Insoluble in water	
Colour		White	
Appearance		Solid	
<b>Section 10</b>		<b>Stability and Reactivity</b>	
Conditions to avoid:		None	
Materials to avoid:		None known	
Hazardous Polymerization:		Will not occur.	
Hazardous decomposition products:		Incomplete combustion will produce smoke, CO and CO <sub>2</sub> .	
<b>Section 11</b>		<b>Toxicological information</b>	
Routes of entry:			
Inhalation:		Due to the low vapor pressure inhalation is unlikely under normal temperatures. Inhalation of decomposition products like vapor or smoke may cause adverse health effects	
Eyes:		This product is abrasive. Prolonged contact may cause temporary skin and eye irritation.	
<p>The purpose of this safety sheet is to describe the product in terms of health and safety and not as a product specification, guaranteeing their properties.</p> <p>The information on this Data Sheet is accurate to the best of our knowledge as to the proper use and handling of this product under normal conditions. Any use of the product which is not in conformance with this Data Sheet or which involves using the product in combination with other products or any other process is the responsibility of the user.</p> <p>HATHO makes no warranty, either express or implied, with respect to the completeness or continuing accuracy of the information contained herein and disclaims all liability for reliance thereon.</p>			

**MATERIAL SAFETY DATA SHEET**

E

Due to 91/155/EWG

Date of issue: Nov 6<sup>th</sup>, 2006.

Date printed: 6-Feb-09

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Abbreviations: N/D not determined, N/A not applicable, CA approximately

<b>Section 1</b>	<b>Identification of the substances and of the company</b>
Identification of the Substance:	Polishing disc <b>MIRA Buff</b>
Company identification:	HATHO GmbH Freiburger Str. 18 79427 Eschbach Germany phone: ++49-7634-50 39 0 fax: ++ 49-7634-50 39 22 email. info@hatho.de
Emergency telephone:	++49-7634-50390
<b>Section 2</b>	<b>Information on Ingredients</b>
Chemical identification:	muslin cloth
Hazardous ingredients:	This product does not contain any hazardous ingredients.
<b>Section 3</b>	<b>Hazards Identification</b>
Human hazards:	In case of correct use there is no health effect known. It is known that some human being reacted allergic on Leather.
Environmental hazards:	No effect
<b>Section 4</b>	<b>First aid Measures</b>
Skin:	In case of allergic reaction wear gloves
Eyes:	Rinse with water
Ingestion:	No effect expected
<b>Section 5</b>	<b>Fire Fighting Measures</b>
Extinguishing media:	Water, powder
<b>Section 6</b>	<b>Accidental Release measures</b>
Methods for cleaning up:	Water
<b>Section 7</b>	<b>Handling and storage</b>
Handling:	Wear eye protection
Measures against fire and explosion:	Use exhaust for polishing dust
Storage	In dry surrounding
<b>Section 8</b>	<b>Exposure controls/personal protection</b>
General:	Use general rules for rotation instruments
Personal protection:	Wear eye protection and gloves when necessary
Respiratory protection:	Use exhausting ventilation when necessary
Eye protection:	Use goggles

<b>Section 9</b>	<b>Physical and Chemical Properties</b>
Appearance:	Muslin soft
Colour:	White /Yellow
Odour:	N/A
Melting point:	N/A
Boiling point:	N/A
Flammable limit:	N/A
Relative density:	N/A
Solubility:	N/A
<b>Section 10</b>	<b>Stability and Reactivity</b>
Conditions to avoid:	None
Materials to avoid:	Acid surrounding
Hazardous decomposition products:	Unknown
<b>Section 11</b>	<b>Toxicological information</b>
Routes of entry:	
Ingestion:	None
Inhalation:	None
Skin and Eyes:	None
<b>Section 12</b>	<b>Ecological Information</b>
	No effect
<b>Section 13</b>	<b>Disposal Considerations</b>
	None
<b>Section 14</b>	<b>Transport Information</b>
	No special care necessary
<b>Section 15</b>	<b>Regulatory Information</b>
	None
<b>Section 16</b>	<b>Other Information</b>
Abbreviations: N/D Not Determined    N/A Not Applicable    CA approximately	
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# MATERIAL SAFETY DATA SHEET

E

Due to 91/155/EWG



Date of issue: March 2<sup>nd</sup>, 2009

Date printed: 01 April 2009

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Abbreviations: N/D not determined, N/A not applicable, CA approximately

## Section 1 Identification of the substances and of the company

Identification of the Substance: HATHOfex S plus P, Miniature polishers

Company identification: HATHO GmbH  
Freiburger Straße 18 phone: ++ 49-7634-5039 0  
79427 Eschbach fax: ++ 49-7634-5039 20  
Germany email: info@hatho.de

Emergency telephone: ++49-7634-503910

## Section 2 Information on Ingredient

Abrasives: Synthetic Aluminum oxide

Hazardous ingredients: N/D

## Section 3 Hazards Identification

Human hazards: In case of correct use there is no health effect known.

Environmental hazards: Incinerate in an industrial or commercial facility. Dispose of waste in a sanitary landfill

Recommended disposal: Volatile organic compounds. N/A  
Regulatory information: VOC Less H<sub>2</sub>O and exempt Solvents: N/A

Since regulations vary, consult applicable regulations or authorities before disposal. U.S. EPA Hazardous Waste Number = None (Not U.S. EPA Hazardous)

## Section 4 First aid Measures

Skin: Wash affected area with soap and water

Eyes: Immediately flush eyes with large amounts of water. Get immediate medical attention.

Ingestion: If signs/symptoms occur, remove person to fresh air. If signs/symptoms continue, call physician.

## Section 5 Fire Fighting Measures

Extinguishing media: Water, Carbon dioxide, dry chemical, foam

Special fire fighting procedures: Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

NFPA Hazard Codes: Health: 1, fire: 0, reactivity 0

## Section 6 Accidental Release measures

Methods for cleaning up: Water

## Section 7 Handling and storage

Handling: Wear safety glasses with side shields (recom: ANSI Stand Z87.1)

Measures against fire and explosion:	Use exhaust for polishing dust
Storage	In dry surrounding
<b>Section 8 Exposure controls/personal protection</b>	
General:	Use general rules for rotation instruments
Personal protection:	Wear eye protection and gloves when necessary
Respiratory protection:	Avoid breathing of dust created by cutting, sanding or grinding. Select one of the following NIOSH approved respirators based on airborne concentration of contaminants and in accordance with OSHA regulations: half-Mask dust respirator, full-face dust respirator.
Eye protection:	Wear safety glasses
<b>Section 9 Physical and Chemical Properties</b>	
Melting point:	N/A
Boiling point:	N/A
Vapour density:	N/A
Solubility:	N/A
Ph	N/A
Viscosity	N/A
<b>Section 10 Stability and Reactivity</b>	
Conditions to avoid:	None
Materials to avoid:	Acid surrounding
Hazardous Polymerisation:	Will not occur.
Hazardous decomposition products:	No hazardous decomposition products are expected during normal use of this product. However, during flaming conditions or excessive heating the following may be emitted: carbon monoxide, carbon dioxide, oxides of nitrogen, cyanides, formaldehyde.
<b>Section 11 Toxicological information</b>	
Routes of entry:	
Inhalation:	No adverse health effects are expected from inhalation exposure
Eyes:	Eye contact is not expected to occur during normal size of this product. Mechanical eye irritation: irritation, redness, scratching of the cornea and tearing.
<b>Section 12 Ecological Information</b>	
	No effect
<b>Section 13 Disposal Considerations</b>	
	None
<b>Section 14 Transport Information</b>	
	No special care necessary
<b>Section 15 Regulatory Information</b>	
	None
<b>Section 16 Other Information</b>	
<p>Abbreviations: N/D Not Determined    N/A Not Applicable    CA approximately</p> <p>The purpose of this safety sheet is to describe the product in terms of health and safety and not as a product specification, guaranteeing their properties.</p> <p>The information on this Data Sheet is accurate to the best of our knowledge as to the proper use and handling of this product under normal conditions. Any use of the product which is not in conformance with this Data Sheet or which involves using the product in combination with other products or any other process is the responsibility of the user.</p> <p>HATHO makes no warranty, either express or implied, with respect to the completeness or continuing accuracy of the information contained herein and disclaims all liability for reliance thereon.</p>	

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Identification of the Substance:	Polishing compound		
Common name:	Polistar white		
Company identification:	HATHO GmbH Freiburger Straße 18 79427 Eschbach Germany		phone: ++49-7634-5039 0 fax: ++ 49-7634-5039 20 email. info@hatho.de
Emergency telephone:	++49-7634-5039 0		
<b>Section 2</b>		<b>Information on Ingredient</b>	
Aluminum Oxide:	Yes		
Fatty acid:	~22%		
Mineral Wax:	~10%		
<b>Section 3</b>		<b>Hazards Identification</b>	
Human hazards:	In case of correct use there is no health effect known.		
Environmental hazards:	Environmental hazards:		
Recommended disposal	Recommended disposal		
Regulatory information	Regulatory information		
<b>Section 4</b>		<b>First aid Measures</b>	
Skin:	Wash affected area with soap and water		
Eyes:	Immediately flush eyes with large amounts of water. Get immediate medical attention.		
Ingestion:	If signs/symptoms occur, wash out mouth thoroughly with water and remove person to fresh air . If signs/symptoms continue, call physician.		
<b>Section 5</b>		<b>Fire Fighting Measures</b>	
Extinguishing media:	Water, Carbon dioxide, dry chemical, foam		
Special fire fighting procedures:	Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.		
NFPA Hazard Codes:	Health: 1, fire: 0, reactivity 0		
<b>Section 6</b>		<b>Accidental Release measures</b>	
Methods for cleaning up:	Water		

<b>Section 7</b>		<b>Handling and storage</b>	
Handling:		Wear safety glasses with side shields (recom: ANSI Stand Z87.1)	
Measures against fire and explosion:		Use exhaust for polishing dust	
Storage		In dry surrounding	
<b>Section 8</b>		<b>Exposure controls/personal protection</b>	
General:		Use general rules for polishing with rotating instruments	
Personal protection:		Wear eye protection and gloves when necessary	
Respiratory protection:		Avoid breathing of dust created by cutting, sanding or grinding. Select one of the following NIOSH approved respirators based on airborne concentration of contaminants and in accordance with OSHA regulations: half-Mask dust respirator, full-face dust respirator.	
Eye protection:		Wear safety glasses	
<b>Section 9</b>		<b>Physical and Chemical Properties</b>	
Melting point:		> 40 °C (104°F)	
Boiling point:		> 150 °C (302°F)	
Relative density:		1 Kg/l	
Solubility:		Insoluble in water	
Colour		White	
Appearance		Solid	
<b>Section 10</b>		<b>Stability and Reactivity</b>	
Conditions to avoid:		None	
Materials to avoid:		None known	
Hazardous Polymerization:		Will not occur.	
Hazardous decomposition products:		Incomplete combustion will produce smoke, CO and CO <sub>2</sub> .	
<b>Section 11</b>		<b>Toxicological information</b>	
Routes of entry:			
Inhalation:		Due to the low vapor pressure inhalation is unlikely under normal temperatures. Inhalation of decomposition products like vapor or smoke may cause adverse health effects	
Eyes:		This product is abrasive. Prolonged contact may cause temporary skin and eye irritation.	
<p>The purpose of this safety sheet is to describe the product in terms of health and safety and not as a product specification, guaranteeing their properties.</p> <p>The information on this Data Sheet is accurate to the best of our knowledge as to the proper use and handling of this product under normal conditions. Any use of the product which is not in conformance with this Data Sheet or which involves using the product in combination with other products or any other process is the responsibility of the user.</p> <p>HATHO makes no warranty, either express or implied, with respect to the completeness or continuing accuracy of the information contained herein and disclaims all liability for reliance thereon.</p>			