

MATERIAL SAFETY DATA SHEET		E	Polishing Compound
Due to 91/155/EWG			POLISTAR Pink
Date of issue: May 21 st , 2007			Date printed: 4-Jul-07
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. 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:	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		
Section 2		Information on Ingredient	
Aluminum Oxide:	Yes		
Fatty acid:	~20%		
Mineral Wax:	~15%		
Section 3		Hazards Identification	
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		
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, wash out mouth thoroughly with water and 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	
Section 8		Exposure controls/personal protection	
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	
Section 9		Physical and Chemical Properties	
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	
Section 10		Stability and Reactivity	
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 ₂ .	
Section 11		Toxicological information	
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.	
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. 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. 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.			

MATERIAL SAFETY DATA SHEET

E

Due to 91/155/EWG



Date of issue: Nov 6th, 2006.

Date printed: 6-Feb-09

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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:	Polishing disc MIRA Buff
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
Section 2	Information on Ingredients
Chemical identification:	muslin cloth
Hazardous ingredients:	This product does not contain any hazardous ingredients.
Section 3	Hazards Identification
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
Section 4	First aid Measures
Skin:	In case of allergic reaction wear gloves
Eyes:	Rinse with water
Ingestion:	No effect expected
Section 5	Fire Fighting Measures
Extinguishing media:	Water, powder
Section 6	Accidental Release measures
Methods for cleaning up:	Water
Section 7	Handling and storage
Handling:	Wear eye protection
Measures against fire and explosion:	Use exhaust for polishing dust
Storage	In dry surrounding
Section 8	Exposure controls/personal protection
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

Section 9	Physical and Chemical Properties
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
Section 10	Stability and Reactivity
Conditions to avoid:	None
Materials to avoid:	Acid surrounding
Hazardous decomposition products:	Unknown
Section 11	Toxicological information
Routes of entry:	
Ingestion:	None
Inhalation:	None
Skin and Eyes:	None
Section 12	Ecological Information
	No effect
Section 13	Disposal Considerations
	None
Section 14	Transport Information
	No special care necessary
Section 15	Regulatory Information
	None
Section 16	Other Information
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 2nd, 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 79427 Eschbach Germany phone: ++ 49-7634-5039 0 fax: ++ 49-7634-5039 20 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 ₂ 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 Hasard 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
Section 8 Exposure controls/personal protection	
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
Section 9 Physical and Chemical Properties	
Melting point:	N/A
Boiling point:	N/A
Vapour density:	N/A
Solubility:	N/A
Ph	N/A
Viscosity	N/A
Section 10 Stability and Reactivity	
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.
Section 11 Toxicological information	
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.
Section 12 Ecological Information	
	No effect
Section 13 Disposal Considerations	
	None
Section 14 Transport Information	
	No special care necessary
Section 15 Regulatory Information	
	None
Section 16 Other Information	
Abbreviations: N/D Not Determined N/A Not Applicable CA approximately	
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MATERIAL SAFETY DATA SHEET		Polishing Compound	
Due to 91/155/EWG		E	
Date of issue: May 21st, 2007		POLISTAR White	
		Date printed: 4-Jul-07	
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. 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:	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		
Section 2		Information on Ingredient	
Aluminum Oxide:	Yes		
Fatty acid:	~22%		
Mineral Wax:	~10%		
Section 3		Hazards Identification	
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		
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, wash out mouth thoroughly with water and 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	
Section 8		Exposure controls/personal protection	
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	
Section 9		Physical and Chemical Properties	
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	
Section 10		Stability and Reactivity	
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 ₂ .	
Section 11		Toxicological information	
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.	
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. 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. 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.			