

# **INFORMATION FOR EXPORTING**

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**PRODUCT:** HP-100 KIT  
**PRODUCT CODE:** 3KHP100

**DESCRIPTION:** ACRYLIC RESTORE KIT - FOR USE BY HAND  
MICRO-MESH™ CUSHIONED ABRASIVES  
MICRO-GLOSS™ LIQUID ABRASIVE

**NON-HAZARDOUS MATERIAL**

**TARIFF CODE:** 6805.10.0000  
**ECCN:** EAR99  
**PREFERENCE CRITERION:** B

**SHELF LIFE:** UNLIMITED  
KEEP LIQUID ABRASIVE FROM FREEZING TEMPS

**COUNTRY OF ORIGIN:** USA  
**OEM FACTORY NEW**  
**CAGE CODE:** 32834

**MANUFACTURER:** MICRO-SURFACE FINISHING PRODUCTS, INC.  
1217 W 3<sup>RD</sup> ST  
WILTON IA 52778, USA

*Seller provides assistance in determining the adequacy of its products for a particular use or purpose.  
The final responsibility for determining the suitability of the product lies with the product user.*



CONFORMANCE SPECIFICATIONS  
FOR MICRO-MESH ABRASIVES

All MICRO-MESH abrasives conform to following specifications:

**RAW**

**MATERIALS:**

The abrasive is made using the best raw materials available to the manufacturer. A tolerance level of 3% (+/-) foreign particles included in the raw material is permitted as long as performance is unaffected.

**APPEARANCE:**

Natural variation in appearance not under the manufacturer's control is permitted and does not affect product performance. Variation is more pronounced in coarser grades due to the larger crystal size and the amount of light larger crystals reflect. Other natural variations include but are not limited to:

- Color variation between lots
- Crystal trace elements that can appear as "black dots" on the surface of the abrasive
- Transfer of cloth texture which can appear as "unevenness" on the surface of the abrasive and/or "white spots"
- Color variation between lots of the bonding adhesive used will sometimes react with the diamond crystals, producing a different overall color

*All finished products are tested for performance and life.*

**MICRO-SURFACE FINISHING PRODUCTS INC**  
**1217 WEST THIRD STREET**  
**PO BOX 70**  
**WILTON, IOWA 52778**  
**563-732-3240**

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**SECTION 1 MANUFACTURERS INFORMATION**

PRODUCT NAME:	MICRO-MESH
PRODUCT DESCRIPTION:	ABRASIVE CLOTH
CHEMICAL FAMILY:	ABRASIVE MATERIAL
REVISION DATE:	JANUARY 1, 2013

**SECTION 2 INGREDIENTS, COMPOSITION**

CHEMICAL NAME CAS REGISTRY NO.	% WT	ACGIH TLV	OSHA PEL	NOTES
				ABRASIVE CLOTH
				SECTION 313 SUPPLIER NOTIFICATION: "1" IDENTIFIES CHEMICAL INGREDIENTS
				SUBJECT TO REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY
				PLANNING AND COMMUNITY RIGHT-TO-KNOW-ACT OF 1986

**SECTION 3 HAZARDS IDENTIFICATION**

HEALTH -----	0	INSTABILITY -----	0
FIRE -----	0	OTHER -----	X
(0 = INSIGNIFICANT; 1 = SLIGHT; 2 = MODERATE; 3 = HIGH; 4 = EXTREME)			
HAZARD SIGNAL ( SHORT TERM CONTACT OR INHALATION ONLY)		NA	
THRESHOLD LIMIT VALUE:	NA		
PRIMARY ROUTES OF ENTRY:	NA		
EFFECTS OF ACUTE OVEREXPOSURE:	NA		
EYES:	NA		
SKIN:	NA		
INHALATION:	NA		
SWALLOWING:	NA		
EFFECTS OF CHRONIC OVEREXPOSURE:	NA		
CARCINOGENICITY:	NA		
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:	NA		

**SECTION 4 FIRST AID MEASURES**

EYES:	SAFETY GLASSES RECOMMENDED
SKIN:	NA
INHALED:	NA
SWALLOWED:	NA

**SECTION 5 FIRE FIGHTING MEASURES**

FLASH POINT:	NA	FLAMMABLE LIMITS LEL-UEL	NA
EXTINGUISHING MEDIA:	STANDARD FIRE FIGHTING PROCEDURES FOR SURROUNDING FIRE		
SPECIAL FIRE FIGHTING PROCEDURES:	NONE		
UNUSUAL FIRE AND EXPLOSION HAZARDS:	NA		
HAZARDOUS COMBUSTION PRODUCTS:	NA		

**SECTION 6 ACCIDENTAL RELEASE MEASURES**

SMALL SPILLS:	NA
LARGE SPILLS:	NA
DISPOSAL:	ACCEPTED STANDARD OF WASTE DISPOSAL

**SECTION 7 HANDLING AND STORAGE**

HANDLING:	NO SPECIAL HANDLING REQUIRED
STORAGE:	KEEP IN A CLEAN, DRY AREA AND KEEP AWAY FROM HEAT OR FLAME

**SECTION 8 EXPOSURE CONTROLS, PERSONAL PROTECTION**

VENTILATION:	WELL VENTILATED AREA RECOMMENDED
RESPIRATOR:	RECOMMENDED
EYE PROTECTION:	SAFETY GLASSES, GOGGLES OR FACE SHIELD
PROTECTIVE CLOTHING:	NA
OTHER PROTECTIVE EQUIPMENT OR MEASURES:	NONE

**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

BOILING POINT:	NA	VAPOR PRESSURE (MM HG@70°)	NA
SPECIFIC GRAVITY:	NA	VAPOR DENSITY (AIR=1)	NA
PERCENT VOLATILE:	NA	EVAPORATION RATE (ETHER=1)	NA
SOLUBILITY IN WATER:	NONE	PH	NA
APPEARANCE AND ODOR:	NONE	V.O.C.	NA

**SECTION 10 STABILITY AND REACTIVITY**

STABLE:	YES
CONDITIONS TO AVOID:	NA
INCOMPATIBLE MATERIALS:	SOLVENTS

NE = NOT ESTABLISHED

NA = NOT APPLICABLE

## **DISCLAIMER**

THE ABOVE INFORMATION IS, TO THE BEST OF OUR KNOWLEDGE, CURRENT, ACCURATE AND COMPLETE BASED ON INFORMATION REASONABLE AVAILABLE TO US AS ON THE DATE OF PREPARATION OF THIS FORM. HOWEVER, IT IS THE USER'S RESPONSIBILITY TO DETERMINE THE SAFETY, TOXICITY AND SUITABILITY FOR HIS OR HER OWN USE OF THE PRODUCT DESCRIBED HEREIN. SINCE THE ACTUAL USE BY OTHERS IS BEYOND OUR CONTROL, NO GUARANTEE, EXPRESSED OR IMPLIED, IS MADE BY US AS TO THE EFFECTS OF SUCH USE OR ON THE SAFETY OR TOXICITY OF THIS PRODUCT. NOR DO WE ASSUME ANY LIABILITY ARISING OUT OF THE USE BY OTHERS OF THE PRODUCT. NOR IS THE INFORMATION HEREIN TO BE CONSTRUED AS ABSOLUTELY COMPLETE, SINCE ADDITIONAL INFORMATION MAY BE NECESSARY OR DESIRABLE WHEN EXCEPTIONAL CONDITIONS OR CIRCUMSTANCES EXIST OR BECAUSE OF APPLICABLE LAWS OR REGULATIONS.

Date of Issue: January 15, 2013

“\*” alterations as compared to previous version: n.ap. = not applicable; n.av. = not available

## Micro-Surface Finishing Products, Inc.

### 1 Identification of Substance / Preparation and Company

#### 1.1 Identification of Substance or Preparation

Trade Name: Micro-Gloss®

Use: Polishing agent for acrylic glass

Preparation no.:

#### 1.2 Company / Undertaking Identification

##### 1.2.1 Address of the company / Undertaking:

Micro-Surface Finishing Products, Inc., 1217 West 3<sup>rd</sup> St. PO Box 70 Wilton, Iowa 52778

Telephone: 563-732-3240, Fax: 563-732-3390

##### 1.2.2 Responsible:

Micro-Surface Finishing Products, Inc., Frank Poma, Telephone 563-732-3240

#### 1.3 Emergency – Telephone

Information Center Specializing

In Symptoms of Poisoning

Telephone: 563-732-3240

Emergency- Telephone of

Company / Undertaking

Telephone: 563-732-3240

### 2 Composition / Information on Ingredients

#### 2.1 Chemical Characterization:

Slurry based on water

#### 2.2 Dangerous Ingredients:

CAS – No.	Index – No.	EEC – No.	Material
Contains none			

#### Remarks:

Classification and labeling of a product is indicated under item 15.

Exposure Controls / Personal Protection under item 8

R –phrase(s) under item 16

### 3 Hazards Identification

#### 3.1 For Humans (additional Information is given under item 11):

##### 3.1.1 Classification:

None Flammable

##### 3.1.2 Additional Advice:

May be harmful if swallowed. May be harmful if inhaled. May cause temporary skin and eye irritation.

#### 3.2 For the Environment:

Product may soil public waters by hydrocarbons.

Slightly water endangering.

#### 3.3 For Materials:

n.ap.

### 4 First Aid Measures

#### 4.1 Inhalation:

The following symptoms may occur: Irritation of Respiratory Tract.

Remove from danger area and provide for fresh air.

If symptoms persist, consult a physician.

#### 4.2 Skin Contact:

Wash with soap and water.

If skin irritation persists, call a physician.

#### 4.3 Eye Contact:

Flush eyes out immediately with large amounts of water with eyelids lifted.

In the event of symptoms occurring, seek medical treatment.

**Trade name: Micro-Gloss®**

Company / Distributor: Micro-Surface Finishing Products, Inc., 1217 West 3<sup>rd</sup> St. PO Box 70 Wilton, Iowa 52778  
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4.4 **Ingestion:**  
Rinse mouth out and drink plenty of water. Do not cause vomiting.  
Summon a doctor if difficulties develop.

4.5 **Note to Physician:**  
n.ap.

4.6 **Special Equipment:** n.av.

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**5 Fire Fighting Measures**

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5.1 **Suitable Extinguishing Media:** Foam, dry chemicals, CO<sub>2</sub>.

5.2 **Extinguishing Media to Avoid:** None

5.3 **Fire and Explosion Hazards:**  
In case of fire, product may form: Carbon monoxide, Carbon dioxide.

5.4 **Additional Information:** None

5.5 **Special Protective Equipment:**  
Wear positive pressure self-contained breathing apparatus.  
Wear full protective clothing.

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**6 Accidental Release Measures**

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6.1 **Personal Precautions:**  
See No. 8.3 Personal Protective Equipment.

6.2 **Environmental Precautions and Methods for Cleaning up:**  
Do not allow larger quantities to enter drainage / surface-water / ground-water.  
Inform responsible authorities after accidental conduction of larger quantities. Take up mechanically.

6.3 **Further Information:** None

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**7 Handling and Storage (for national regulations refer to item 15.2)**

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**7.1 Handling**

7.1.1 **Precautions for Safe Handling:**  
Keep container tightly closed. Close container straight after use or if empty. Application only when sufficient ventilated. Provide good room ventilation even at ground level. Keep from freezing.

7.1.2 **Precautions in Case of Fire and Explosion:**  
None

7.2 **Storage:** Keep from Freezing.

7.2.1 **Storage Instructions:**

7.2.2 **Store away from:**  
Store away from oxidizers.

7.2.3 **Further Information on Storage Conditions:**  
n.ap.

7.2.4 **Storage Class:** n.av.

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**8 Exposure Controls and Personal Protection**

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8.1 **Information on System Design:**  
Provide personal protective equipment.

**8.2 Exposure Limits:**

8.2.1 **CAS / Material** **Limit Value according to TRGS 900/ EEC Guideline 2000/39:**  
None

8.3 **Personal Protective Equipment**

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**8.3.1 General Protection and Hygiene:**

Avoid contact with eyes.

**8.3.2 Respiratory Protection:** If ventilation is insufficient, wear respiratory protection, Filter A.

**8.3.3 Hand Protection:** In case of prolonged skin contact use protective gloves (EN 374, PVC)  
 Break through time: refer to manufacturer / supplier for information.

**8.3.4 Eye Protection:** Glasses, Goggles where conditions may cause excessive eye exposure.

**8.3.5 Skin Protection:** Not Relevant.

**9 Physical and Chemical Properties**

**9.1 Appearance**

9.1.1 **Form:** Slurry                                      9.1.2 **Color:** White                                      9.1.3 **Odor:** None

**9.2 Safety Relevant Data**

- 9.2.1 pH- Value, Undiluted                                      7 ± 1
  - 9.2.2 Boiling point (°C):                                      212 ± 10 Melting point, Melting range (°C) n.av.
  - 9.2.3 Flash Point (°C, c.c.)                                      None
  - 9.2.4 Flammability (EEC A10/A13):                                      None
  - 9.2.5 Ignition Temperature (°C):                                      212 ± 10
  - 9.2.6 Auto flammability (EEC A16)                                      n.av.
  - 9.2.7 Oxidizing properties:                                      n.av.
  - 9.2.8 Explosion hazard:                                      n.av.
  - 9.2.9 Explosion limits (Vol. %) lower:                                      = 80
  - 9.2.10 Vapor pressure:                                      n.av.
  - 9.2.11 Density (g/ml):                                      n.av.
  - 9.2.12 Solubility (in water):                                      Immiscible Soluble in most organic solvents.
  - 9.2.13 Partition coefficient, n-Octanol/Water:                                      n.av.
  - 9.2.14 Viscosity:                                      n.av.
  - 9.2.15 Solvent separation test:                                      n.av.
  - 9.2.16 Solvent Content (m%):                                      n.av.
  - 9.2.17 Fat solubility:                                      yes
- 9.3 Further Data**
- 9.3.1 Thermal Decomposition (°C):                                      0°C
  - 9.3.2 Vapor density (air = 1)                                      n.av.
  - 9.3.3 Evaporation rate: (EATHER =1)                                      Like water n-Butyl Acetate = 1

**10 Stability and Reactivity**

**10.1 Conditions to Avoid:**

n.av.

**10.2 Materials to Avoid:**

Reactions with strong oxidizing agents.

**10.3 Hazardous Decomposition Products:**

No dangerous decomposition products when properly handled.

**10.4 Further Information:**

None

**11 Toxicological Information**

**11.1 Toxicological Test:**

**11.1.1 Acute Health Effects:**

- Inhalation, LC<sub>50</sub> rat, (mg/l/4h):                                      n.av.
- Ingestion, LD<sub>50</sub> rat, (mg/kg):                                      n.av.
- Skin- contact, LD<sub>50</sub> rat, (mg/kg):                                      n.av.
- Irritation (to skin/eye):                                      May cause temporary skin and eye irritation.
- Sensitization:                                      n.av.



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**11.1.2 Sub acute / Chronic Toxicity:**

Carcinogenicity: n.av.  
 Mutagenicity: n.av.  
 Teratogenicity: n.av.  
 Narcotic Effects: n.av.

**11.2 Practical Experience****11.2.1 Observations relevant for classification:**

None.

**11.2.2 Further Observations:**

Frequent contact to skin may lead to drying of skin.

**11.3 General Remarks:**

Classification of the preparation has been done by calculation in accordance with EEC directives.

**Ecological Information****12.1 Elimination (Persistence and Degradability):**

The product is soluble in water.

**12.2 Behavior in Sewage Works:**

Mobility and Accumulation Potential:  
 n.av.

**12.3 Ecotoxic Effects, Aquatic Toxicity:**

n.av.

**12.4 Other Ecological Information**

12.4.1 COD-Value, mg/g: n.av.

12.4.2 BOD<sub>5</sub>- Value, mg/g: n.av.

12.4.3 AOX-Remarks: n.ap.

12.4.4 Significant Components: None

**13 Disposal Considerations (for national Regulations refer to item 15.)****13.1 Residues**

13.1.1 Recommendation: See Item 6  
 In addition comply with the regional authorities.

13.1.2 Safe Handling: See item 7 and 15.

**13.2 Contaminated Packing**

13.2.1 Recommendation: Wash with water. Otherwise as described under Residues.

13.2.2 Safe Handling: As described under Residues.

**14 Transport Information****14.1 Transportation by Road or Railway according to ADR/GGVS and RID/GGVE**

Remarks: None

Instructions for Transportation in Tanks: UN-No.: 1325

**14.1.1 Instructions Concerning Shipper's Declaration and Packaging:**

Volume or Mass	Description of Goods	Risk label Packing – Code
8oz. Plastic Bottles	Liquid Abrasive	n.ap.
or		
1Gallon Plastic Bottles	Liquid Abrasive	n.ap.

14.1.2 Listed Cargo as per Appendix B.8: No.

14.1.3 Additional Designation in the Shipper's Declaration: None

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**14.2 Classification for Transportation by Inland-Navigation according to ADNO/GGVBinSch**

**Remarks: Classification has not been done.**

Class:                      Division:                      Category:

**14.2.1 Description of Goods:****14.2.2 Remarks:****14.3 Classifications for Transportation by Vessels according to IMDG/GGVSee**

**Remarks:**

None

**14.3.1 EmS-Fire / Leak: F-A; S-G**

**MFAG-Table:** Main dated from 01.02.2001

**14.3.2 Marine Pollutant: No****14.3.3 Instruction for Declaration and Labeling:**

None

**Proper Shipping Name:** None

**Risk Label:** None

**14.3.4 Remarks:** None.**14.4 Classification for Transportation by Airplane according to IATA-DGR/ICAO-TI**

**Remarks:**

None

**14.4.1 Instruction for Declaration and Labeling:**

None

**Proper Shipping Name:** None

**Risk Label:** None

**14.4.2 Remarks:** None

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**15 Regulatory Information****15.1 Classification according to EEC-Regulations:**

Classification Required by EEC: None                      Applicable Exemptions: Yes

Hazard Identification:                      Hazard Symbol(s):

Component(s):

**R-Phrases:**

None

**S-Phrases:**

(S 2: Keep out of reach of children.)

Additional Markings:

**15.1.1** The Above mentioned classification is valid for distribution to industrial user / private consumer.

Labeling (formats, exemptions, additional markings) has to be done according to respective regulations.

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**16 Other Information**

**R-phrase(s):**

None

**Further information to work out the Data sheet:**

Data of the producer.

The statements in this Material Safety Data Sheet were made to the best of our knowledge and are as accurate as possible. They are given for information only. They do not constitute a contractual guarantee of a product's properties. They must neither be altered nor transferred to other products.

Prepared by: Micro-Surface Finishing Products, Inc. – Debbie Abrahams Telephone 563-732-3240