INFORMATION FOR EXPORTING

PAGE 1 OF 10

PRODUCT:  KR-70 KIT
PRODUCT CODE:  3KKR70

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

NATIONAL STOCK NUMBER:  5350-01-290-4002
CAGE CODE: 32834

NON-HAZARDOUS MATERIAL

TARIFF CODE:  6805.10.0000
ECCN:  EAR99
PREFERENCE CRITERION:  B

SHELF LIFE:  UNLIMITED
KEEP LIQUID ABRASIVE FROM FREEZING

COUNTRY OF ORIGIN:  USA
OEM FACTORY NEW

MANUFACTURER: MICRO-SURFACE FINISHING PRODUCTS, INC.
1217 W 3RD 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.
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.*
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

<table>
<thead>
<tr>
<th>CHEMICAL NAME</th>
<th>CAS REGISTRY NO.</th>
<th>% WT</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABRASIVE CLOTH</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SECTION 3  HAZARDS IDENTIFICATION

<table>
<thead>
<tr>
<th>CATEGORY</th>
<th>VALUE</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>HEALTH</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>FIRE</td>
<td>0</td>
<td>X</td>
</tr>
</tbody>
</table>

(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 |

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NE = NOT ESTABLISHED  
NA = NOT APPLICABLE  

PAGE 2 OF 3  
MICRO-MESH  
JANUARY 1, 2013
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.
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 3rd 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
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:

<table>
<thead>
<tr>
<th>CAS – No.</th>
<th>Index – No.</th>
<th>EEC – No.</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>n.ap.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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:

<table>
<thead>
<tr>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>n.ap.</td>
</tr>
</tbody>
</table>

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.
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**

5.1 **Suitable Extinguishing Media:** Foam, dry chemicals, CO₂.

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**

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)**

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.

---

**8 Exposure Controls and Personal Protection**

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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**Trade Name: Micro-Gloss®**
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

<table>
<thead>
<tr>
<th>Form</th>
<th>9.1.2 Color</th>
<th>9.1.3 Odor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Slurry</td>
<td>White</td>
<td>None</td>
</tr>
</tbody>
</table>

#### 9.2 Safety Relevant Data

<table>
<thead>
<tr>
<th>pH- Value, Undiluted</th>
<th>Boiling point (°C):</th>
<th>Melting point, Melting range (°C)</th>
<th>Flash Point (°C, c.c.)</th>
<th>Flammability (EEC A10/A13):</th>
<th>Auto flammability (EEC A16)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 ± 1</td>
<td>212 ± 10</td>
<td>n.av.</td>
<td>None</td>
<td>None</td>
<td>n.ap.</td>
</tr>
</tbody>
</table>

#### 9.3 Further Data

<table>
<thead>
<tr>
<th>Thermal Decomposition (°C):</th>
<th>Vapor density (air = 1)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0°C</td>
<td>n.ap.</td>
</tr>
</tbody>
</table>

#### 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_{50} rat, (mg/l/4h): n.av.
- Ingestion, LD_{50} rat, (mg/kg): n.av.
- Skin- contact, LD_{50} rat, (mg/kg): n.av.
- Irritation (to skin/eye): May cause temporary skin and eye irritation.
- Sensitization: n.av.
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 BOD₅ 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.

14 Transport Information

14.1 Transportation by Road or Railway according to ADR/GGVS and RID/GGVE
- Remarks: None

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

Instructions Concerning Shipper’s Declaration and Packaging:

<table>
<thead>
<tr>
<th>Volume or Mass</th>
<th>Description of Goods</th>
<th>Risk label Packing – Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>or 1Gallon Plastic Bottles</td>
<td>Liquid Abrasive</td>
<td>n.ap.</td>
</tr>
</tbody>
</table>

14.1.2 Listed Cargo as per Appendix B.8: No.
14.1.3 Additional Designation in the Shipper’s Declaration: None
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

15 Regulatory Information
15.1 Classification according to EEC-Regulations:
Classification Required by EEC: None Applicable Exemptions: Yes
Hazard Identification:
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.

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. The 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