

INFORMATION FOR EXPORTING

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PRODUCT: POLYCARBONATE RECTIFICATION KIT
PRODUCT CODE: 3KPOLY

DESCRIPTION: POLYCARBONATE IMPROVEMENT KIT - FOR USE WITH POWER TOOLS
MICRO-MESH™ CUSHIONED ABRASIVES
MICRO-GLOSS™ LIQUID ABRASIVES
ANTI-STATIC CREME
*POWER TOOLS NOT INCLUDED

NON-HAZARDOUS MATERIAL

TARIFF CODE: 6805.10.0000
ECCN: EAR99
PREFERENCE CRITERION: B
SHELF LIFE: UNLIMITED
KEEP LIQUID ABRASIVE FROM FREEZING TEMPERATURES

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



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

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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 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

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
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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 3rd St. PO Box 70 Wilton, Iowa 52778
Telephone: 563-732-3240, Date of Issue: January 15, 2013

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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.

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.

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

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**

Trade Name: Micro-Gloss®

Company / Distributor: Micro-Surface Finishing Products, Inc. 1217 West 3rd St. PO Box 70 Wilton, Iowa 52778
 Telephone: 563-732-3240 Date of Issue: January 15, 2013

- 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.ap.
- 9.2.7 Oxidizing properties: n.ap.
- 9.2.8 Explosion hazard: n.ap.
- 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.ap.
- 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.ap.
- 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, LC₅₀ rat, (mg/l/4h): n.av.
- Ingestion, LD₅₀ rat, (mg/kg): n.av.
- Skin- contact, LD₅₀ rat, (mg/kg): n.av.
- Irritation (to skin/eye): May cause temporary skin and eye irritation.
- Sensitization: n.av.

Trade Name: Micro-Gloss®

Company / Distributor: Micro-Surface Finishing Products, Inc. 1217 West 3rd St. PO Box 70 Wilton, Iowa 52778
 Telephone: 563-732-3240 Date of Issue: January 15, 2013

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.

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

Trade Name: Micro-Gloss®

Company / Distributor: Micro-Surface Finishing Products, Inc. 1217 West 3rd St PO Box 70 Wilton, Iowa 52778
 Telephone: 563-732-3240 Date of Issue: January 15, 2013

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: 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.

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

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:	ANTI-STATIC CREAM
PRODUCT DESCRIPTION:	WHITE SLURRY, NO ODOR
CHEMICAL FAMILY:	POLISHING COMPOUND
REVISION DATE:	January 1, 2013

SECTION 2 INGREDIENTS, COMPOSITION

CHEMICAL NAME	CAS REGISTRY NO.	%WT	NOTES
WATER			SECTION 313 SUPPLIER NOTIFICATION: "1" IDENTIFIES CHEMICAL INGREDIENTS
WAX	8015-86-9	10	SUBJECT TO REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY
STEARIC ACID	57-11-4	10	PLANNING AND COMMUNITY RIGHT-TO-KNOW-ACT OF 1986.
POLY(OXY-1,2-ETHANEDIYL), A,A'-[[[3-(DECYLOXY)PROPYL]METHYLIMINIO]DI-2,1-ETHANEDIY]BIS[W-HYDROXY-, BRANCHED, CHLORIDES	68478-94-4	3.125	
SILICONE EMULSION	63148-62-9	T	

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)	
THRESHOLD LIMIT VALUE: NE, BLENDED PRODUCT. SEE SECTION 2 FOR INFORMATION ON LISTED INGREDIENTS	
PRIMARY ROUTES OF ENTRY: EYE CONTACT	
EFFECTS OF ACUTE OVEREXPOSURE:	
EYES:	IRRITATION
SKIN:	DRYING OF SKIN POSSIBLE WITH PROLONGED USE
INHALATION:	MISTS OF PRODUCT OR SOLUTION - POSSIBLE IRRITATION OF RESPIRATORY TRACT
SWALLOWING:	STOMACH UPSET POSSIBLE
EFFECTS OF CHRONIC OVEREXPOSURE: UNKNOWN; NONE EXPECTED BEYOND ACUTE EFFECTS	
CARCINOGENICITY: THIS PRODUCT OR ITS INGREDIENTS HAVE NOT BEEN IDENTIFIED AS A CARCINOGEN OR PROBABLE CARCINOGEN BY NTP, IARC MONOGRAPH, OR OSHA	
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: NONE KNOWN OR EXPECTED	

SECTION 4 FIRST AID MEASURES

EYES:	IMMEDIATELY FLUSH WITH COOL RUNNING WATER HOLDING EYE LIDS APART. REMOVE CONTACT LENSES IF PRESENT AND CONTINUE FLUSHING FOR 15 MINUTES. GET MEDICAL ASSISTANCE IF IRRITATION PERSISTS OR IS SEVERE.
SKIN:	FLUSH THOROUGHLY WITH RUNNING WATER. REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE. IF IRRITATION DEVELOPS AND PERSISTS, GET MEDICAL ADVICE OR ASSISTANCE.
INHALED:	REMOVE TO FRESH AIR. IMMEDIATELY CALL FOR MEDICAL ADVICE OR ASSISTANCE IF BREATHING DIFFICULTY OR IRRITATION IS SEVERE OR CONTINUES.
SWALLOWED:	RINSE MOUTH WITH LARGE AMOUNTS OF WATER. DRINK WATER, MILK OR OTHER FLUIDS TO DILUTE. DO NOT INDUCE VOMITING. CALL FOR MEDICAL ADVICE OR ASSISTANCE IF DIFFICULTIES AND DISCOMFORT DEVELOP AND CONTINUE.

SECTION 5 FIRE FIGHTING MEASURES

FLASH POINT:	NA	FLAMMABLE LIMITS LEL-UEL	NA
EXTINGUISHING MEDIA:	AS NEEDED FOR SURROUNDING FIRE		
SPECIAL FIRE FIGHTING PROCEDURES:	FOR ANY CHEMICAL FIRE WEAR SELF CONTAINED BREATHING APPARATUS, AND PROTECTIVE CLOTHING TO PREVENT CONTACT		
UNUSUAL FIRE AND EXPLOSION HAZARDS:	NONE KNOWN		
HAZARDOUS COMBUSTION PRODUCTS:	NONE KNOWN		

SECTION 6 ACCIDENTAL RELEASE MEASURES

SMALL SPILLS:	FLUSH TO DRAIN WITH EXCESS WATER
LARGE SPILLS:	STOP SOURCE OF DISCHARGE IF SAFE TO DO SO, CONTAIN SPILLED MATERIAL, AND KEEP FROM DISCHARGING TO SURFACE WATERS, RECOVER TO DRUM FOR LATER USE, TREATMENT OR DISPOSAL. FLUSH RESIDUAL TO DRAIN. NOTIFY LOCAL, STATE OR NATIONAL AUTHORITIES IF REQUIRED
DISPOSAL:	NORMALLY SEWER DISPOSABLE IN DILUTE SOLUTIONS. CHECK WITH LOCAL AUTHORITIES ABOUT ANY POSSIBLE RESTRICTIONS

SECTION 7 HANDLING AND STORAGE

HANDLING:	RINSE AFTER USE. AVOID BREATHING MISTS OF PRODUCT OR SOLUTION
STORAGE:	KEEP CONTAINERS TIGHTLY CLOSED. DO NOT FREEZE OR STORE IN EXCESSIVE HEAT

SECTION 8 EXPOSURE CONTROLS, PERSONAL PROTECTION

VENTILATION:	NORMALLY NOT NECESSARY, IF MISTS ARE GENERATED HAVE GENERAL OR LOCAL VENTILATION TO AVOID BREATHING IRRITATING MISTS.
RESPIRATOR:	NONE NORMALLY REQUIRED. NIOSH/MSHA APPROVED RESPIRATOR WHERE CONDITIONS MAY CAUSE EXPOSURE LIMITS TO BE EXCEEDED FROM MISTS OF PRODUCT OR SOLUTION.
EYE PROTECTION:	GLASSES, GOGGLES, OR FACE SHIELD WHERE CONDITIONS MAY CAUSE EXCESSIVE EYE EXPOSURE.
PROTECTIVE CLOTHING:	CHEMICAL RESISTANT, IMPERMEABLE GLOVES AS NEEDED TO PREVENT EXCESSIVE CONTACT. FULL BODY COVERING AND SHOES AS NEEDED TO PREVENT EXCESSIVE CONTACT.
OTHER PROTECTIVE EQUIPMENT OR MEASURES:	EYE WASH STATIONS OR RUNNING WATER IN THE WORK AREA.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT:	212° F	VAPOR PRESSURE (MM HG@70°)	NA
SPECIFIC GRAVITY:	1.1	VAPOR DENSITY (AIR=1)	NA
PERCENT VOLATILE:	NA	EVAPORATION RATE (ETHER=1)	NA
SOLUBILITY IN WATER:	COMPLETE	PH	7.6
APPEARANCE AND ODOR:	SEE SECTION 1	V.O.C.	MINIMAL

SECTION 10 STABILITY AND REACTIVITY

STABLE:	YES. HAZARDOUS POLYMERIZATION WILL NOT OCCUR
CONDITIONS TO AVOID:	CONTACT WITH INCOMPATIBLE MATERIALS (SEE BELOW)
INCOMPATIBLE MATERIALS:	NE

NE = NOT ESTABLISHED

NA = NOT APPLICABLE

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SECTION 1 MANUFACTURERS INFORMATION

PRODUCT NAME:	MICRO-GLOSS #5
PRODUCT DESCRIPTION:	WHITE SLURRY, NO ODOR
CHEMICAL FAMILY:	SYNTHETIC ABRASIVE
REVISION DATE:	January 1, 2013

SECTION 2 INGREDIENTS, COMPOSITION

CHEMICAL NAME CAS REGISTRY NO.	% WT	ACGIH TLV	OSHA PEL	NOTES
				NO HAZARDOUS INGREDIENTS PER CURRENT OSHA REGULATIONS
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. THIS INFORMATION SHOULD BE INCLUDED IN ALL MSDS'S THAT ARE COPIED AND DISTRIBUTED FOR THIS MATERIAL.				

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)			
THRESHOLD LIMIT VALUE:	N.E., BLENDED PRODUCT. SEE SECTION 2 FOR INFORMATION ON LISTED INGREDIENTS		
PRIMARY ROUTES OF ENTRY:	EYE CONTACT		
EFFECTS OF ACUTE OVEREXPOSURE:			
EYES:	IRRITATION		
SKIN:	DRYING OF SKIN POSSIBLE WITH PROLONGED USE		
INHALATION:	MISTS OF PRODUCT OR SOLUTION COULD CAUSE POSSIBLE RESPIRATOR TRACT IRRITATION		
SWALLOWING	STOMACH UPSET POSSIBLE		
EFFECTS OF CHRONIC OVEREXPOSURE:	UNKNOWN; NONE EXPECTED BEYOND ACUTE EFFECTS		
CARCINOGENICITY:	THIS PRODUCT OR ITS INGREDIENTS HAVE NOT BEEN IDENTIFIED AS A CARCINOGEN OR PROBABLE CARCINOGEN BY NTP, IARC MONOGRAPH, OR OSHA		
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:	NONE KNOWN OR EXPECTED		

SECTION 4 FIRST AID MEASURES

EYES:	IMMEDIATELY FLUSH WITH COOL RUNNING WATER HOLDING EYE LIDS APART. REMOVE CONTACT LENSES IF PRESENT AND CONTINUE FLUSHING FOR 15 MINUTES. GET MEDICAL ASSISTANCE IF IRRITATION PERSISTS OR IS SEVERE.
SKIN:	FLUSH THOROUGHLY WITH RUNNING WATER. REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE. IF IRRITATION DEVELOPS AND PERSISTS, GET MEDICAL ADVICE OR ASSISTANCE.
INHALED:	REMOVE TO FRESH AIR. IMMEDIATELY CALL FOR MEDICAL ADVICE OR ASSISTANCE IF BREATHING DIFFICULTY OR IRRITATION IS SEVERE OR CONTINUES.
SWALLOWED:	RINSE MOUTH WITH LARGE AMOUNTS OF WATER. DRINK WATER, MILK OR OTHER FLUIDS TO DILUTE. DO NOT INDUCE VOMITING. CALL FOR MEDICAL ADVICE OR ASSISTANCE IF DIFFICULTIES AND DISCOMFORT DEVELOP AND CONTINUE.

SECTION 5 FIRE FIGHTING MEASURES

FLASH POINT:	NONE	FLAMMABLE LIMITS LEL-UEL	NA
EXTINGUISHING MEDIA:	AS NEEDED FOR SURROUNDING FIRE		
SPECIAL FIRE FIGHTING PROCEDURES:	FOR ANY CHEMICAL FIRE WEAR SELF CONTAINED BREATHING APPARATUS, AND PROTECTIVE CLOTHING TO PREVENT CONTACT		
UNUSUAL FIRE AND EXPLOSION HAZARDS:	NONE		
HAZARDOUS COMBUSTION PRODUCTS:	CARBON MONOXIDE, CARBON DIOXIDE		

SECTION 6 ACCIDENTAL RELEASE MEASURES

SMALL SPILLS:	FLUSH TO DRAIN WITH EXCESS WATER
LARGE SPILLS:	STOP SOURCE IF SAFE TO DO SO. CONTAIN SPILLED MATERIAL, AND KEEP FROM DISCHARGING TO SURFACE WATERS. RECOVER TO DRUM FOR LATER USE. TREATMENT OR DISPOSAL. FLUSH RESIDUAL TO DRAIN. NOTIFY LOCAL, STATE OR NATIONAL AUTHORITIES IF REQUIRED
DISPOSAL:	NORMALLY SEWER DISPOSABLE IN DILUTE SOLUTIONS. CHECK WITH LOCAL AUTHORITIES ABOUT ANY POSSIBLE RESTRICTIONS.

SECTION 7 HANDLING AND STORAGE

HANDLING:	RINSE AFTER USE. AVOID BREATHING MISTS OF PRODUCT OR SOLUTION. PREVENT CONTACT WITH INCOMPATIBLE MATERIALS; SEE SECTION 10.
STORAGE:	KEEP CONTAINERS TIGHTLY CLOSED. KEEP FROM FREEZING; MAY RUPTURE CONTAINER OR DEGRADE PRODUCT.

SECTION 8 EXPOSURE CONTROLS, PERSONAL PROTECTION

VENTILATION:	NORMALLY NOT NECESSARY. IF MISTS ARE GENERATED HAVE GENERAL OR LOCAL VENTILATION TO AVOID BREATHING IRRITATING MISTS.
RESPIRATOR:	NONE NORMALLY REQUIRED. NIOSH/MSHA APPROVED RESPIRATOR WHERE CONDITIONS MAY CAUSE EXPOSURE LIMITS TO BE EXCEEDED FROM MISTS OF PRODUCT OR SOLUTION.
EYE PROTECTION:	GLASSES, GOGGLES, OR FACE SHIELD WHERE CONDITIONS MAY CAUSE EXCESSIVE EYE EXPOSURE.
PROTECTIVE CLOTHING:	CHEMICAL RESISTANT, IMPERMEABLE GLOVES AS NEEDED TO PREVENT EXCESSIVE CONTACT. FULL BODY COVERINGS AND SHOES AS NEEDED TO PREVENT EXCESSIVE CONTACT.
OTHER PROTECTIVE EQUIPMENT OR MEASURES:	EYE WASH STATIONS OR RUNNING WATER IN THE WORK AREA.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT:	212 ± 10° F	VAPOR PRESSURE (MM HG@70°)	NE
SPECIFIC GRAVITY:	1.0 ± 0.1	VAPOR DENSITY (AIR =1)	NE
PERCENT VOLATILE:	>80	EVAPORATION RATE (ETHER=1)	LIKE WATER n-BUTYL ACETATE = 1
SOLUBILITY IN WATER:	COMPLETE	PH	7 ± 1
APPEARANCE AND ODOR:	SEE SECTION 1	V.O.C.	NIL

SECTION 10 STABILITY AND REACTIVITY

STABLE:	YES, HAZARDOUS POLYMERIZATION WILL NOT OCCUR
CONDITIONS TO AVOID:	CONTACT WITH INCOMPATIBLE MATERIALS (SEE BELOW)
INCOMPATIBLE MATERIALS:	STRONG OXIDIZING AGENTS

NE = NOT ESTABLISHED

NA = NOT APPLICABLE

DISCLAIMER

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SECTION 1 MANUFACTURERS INFORMATION

PRODUCT NAME:	FINAL FINISH
PRODUCT DESCRIPTION:	WHITE SLURRY, NO ODOR
CHEMICAL FAMILY:	LIQUID POLISH
REVISION DATE:	January 1, 2013

SECTION 2 INGREDIENTS, COMPOSITION

CHEMICAL NAME CAS REGISTRY NO.	% WT	CHEMICAL NAMES	NOTES
		WATER	SECTION 313 SUPPLIER NOTIFICATION: "1" IDENTIFIES CHEMICAL INGREDIENTS
8015-86-9	<10	WAX	SUBJECT TO REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY
57-11-2	<10	STEARIC ACID	PLANNING AND COMMUNITY RIGHT-TO-KNOW-ACT OF 1986.
68478-94-4	T	AMM.CHLORIDE	
63148-62-9	T	SILICONE EMULSION	
647-89-8	T	NAPTHA	
66402-68-4	T	ALUMIA	
68915-31-1	T	HEXAMETA PHOSPHATE	
68155-20-4	T	EMULSIFIER	
9003-01-4	T	SUSPENDING AGENT	
112-80-1	T	OLEIC ACID	
NE	T	THICKENING AGENT	

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)			
THRESHOLD LIMIT VALUE:	NE, BLENDED PRODUCT. SEE SECTION 2 FOR INFORMATION ON LISTED INGREDIENTS		
PRIMARY ROUTES OF ENTRY:	EYE CONTACT		
EFFECTS OF ACUTE OVEREXPOSURE:			
EYES:	IRRITATION		
SKIN:	DRYING OF SKIN POSSIBLE WITH PROLONGED USE		
INHALATION:	MIST OF PRODUCT OR SOLUTION COULD CAUSE POSSIBLE RESPIRATOR TRACT IRRITATION		
SWALLOWING	STOMACH UPSET POSSIBLE		
EFFECTS OF CHRONIC OVEREXPOSURE:	UNKNOWN; NONE EXPECTED BEYOND ACUTE EFFECTS		
CARCINOGENICITY:	THIS PRODUCT OR ITS INGREDIENTS HAVE NOT BEEN IDENTIFIED AS A CARCINOGEN OR PROBABLE CARCINOGEN BY NTP, IARC MONOGRAPH OR OSHA		
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:	NONE KNOWN OR EXPECTED		

SECTION 4 FIRST AID MEASURES

EYES:	IMMEDIATELY FLUSH WITH COOL RUNNING WATER HOLDING EYE LIDS APART. REMOVE CONTACT LENSES IF PRESENT AND CONTINUE FLUSHING FOR 15 MINUTES. GET MEDICAL ASSISTANCE IF IRRITATION PERSISTS OR IS SEVERE.
SKIN:	FLUSH THOROUGHLY WITH RUNNING WATER. REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE. IF IRRITATION DEVELOPS AND PERSISTS, GET MEDICAL ADVICE OR ASSISTANCE.
INHALED:	REMOVE TO FRESH AIR. IMMEDIATELY CALL FOR MEDICAL ADVICE OR ASSISTANCE IF BREATHING DIFFICULTY OR IRRITATION IS SEVERE OR CONTINUES.
SWALLOWED:	RINSE MOUTH WITH LARGE AMOUNTS OF WATER. DRINK WATER, MILK OR OTHER FLUIDS TO DILUTE. DO NOT INDUCE VOMITING. CALL FOR MEDICAL ADVICE OR ASSISTANCE IF DIFFICULTIES AND DISCOMFORT DEVELOP AND CONTINUE.

SECTION 5 FIRE FIGHTING MEASURES

FLASH POINT:	NONE	FLAMMABLE LIMITS LEL-UEL	NA
EXTINGUISHING MEDIA:	AS NEEDED FOR SURROUNDING FIRE		
SPECIAL FIRE FIGHTING PROCEDURES:	FOR ANY CHEMICAL FIRE WEAR SELF CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT		
UNUSUAL FIRE AND EXPLOSION HAZARDS:	NONE		
HAZARDOUS COMBUSTION PRODUCTS:	NE		

SECTION 6 ACCIDENTAL RELEASE MEASURES

SMALL SPILLS:	FLUSH TO DRAIN WITH EXCESS WATER
LARGE SPILLS:	STOP SOURCE IF SAFE TO DO SO. CONTAIN SPILLED MATERIAL AND KEEP FROM DISCHARGING TO SURFACE WATERS. RECOVER TO DRUM FOR LATER USE. TREATMENT OR DISPOSAL. FLUSH RESIDUAL TO DRAIN. NOTIFY LOCAL, STATE OR NATIONAL AUTHORITIES IF REQUIRED
DISPOSAL:	NORMALLY SEWER DISPOSABLE IN DILUTE SOLUTIONS. CHECK WITH LOCAL AUTHORITIES ABOUT ANY POSSIBLE RESTRICTIONS.

SECTION 7 HANDLING AND STORAGE

HANDLING:	RINSE AFTER USE. AVOID BREATHING MISTS OF PRODUCT OR SOLUTION
STORAGE:	KEEP CONTAINERS TIGHTLY CLOSED. DO NOT FREEZE OR STORE IN EXCESSIVE HEAT

SECTION 8 EXPOSURE CONTROLS, PERSONAL PROTECTION

VENTILATION:	NORMALLY NOT NECESSARY. IF MISTS ARE GENERATED HAVE GENERAL OR LOCAL VENTILATION TO AVOID BREATHING IRRITATING MISTS.
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OTHER PROTECTIVE EQUIPMENT OR MEASURES:	EYE WASH STATIONS OR RUNNING WATER IN THE WORK AREA.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT:	147° F	VAPOR PRESSURE (MM HG@70°)	NE
SPECIFIC GRAVITY:	1.1	VAPOR DENSITY (AIR =1)	NE
PERCENT VOLATILE:	0	EVAPORATION RATE (ETHER=1)	NE
SOLUBILITY IN WATER:	COMPLETE	PH	7.6
APPEARANCE AND ODOR:	SEE SECTION 1	V.O.C.	NE

SECTION 10 STABILITY AND REACTIVITY

STABLE:	YES, HAZARDOUS POLYMERIZATION WILL NOT OCCUR
CONDITIONS TO AVOID:	CONTACT WITH INCOMPATIBLE MATERIAL (SEE BELOW)
INCOMPATIBLE MATERIALS:	NE AT THIS TIME

NE = NOT ESTABLISHED

NA = NOT APPLICABLE

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