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# U.S. DEPARTMENT OF LABOR

WORKPLACE STANDARDS ADMINISTRATION

Bureau of Labor Standards

# MATERIAL SAFETY DATA SHEET

Compound, Optical Finishing

## SECTION I

| | |
|---|---|
| MANUFACTURER'S NAME: MICRO ABRASIVES CORPORATION | EMERGENCY TELEPHONE NO.: 413-562-3641 |
| ADDRESS (Number, Street, City, State, and ZIP Code): P. O. BOX 517 720 SOUTHAMPTON ROAD, WESTFIELD, MASS. 01085 | |
| CHEMICAL NAME AND SYNONYMS: ALUMINA | TRADE NAME AND SYNONYMS: FUSCO- C-6 ACRYLIC POLISH |
| CHEMICAL FAMILY: METAL OXIDE MINERAL | FORMULA: $Al_2O_3$ |

## SECTION II HAZARDOUS INGREDIENTS

| PAINTS, PRESERVATIVES, & SOLVENTS | % | TLV (Units) | ALLOYS AND METALLIC COATINGS | % | TLV (Units) |
|---|---|---|---|---|---|
| PIGMENTS | | NA | BASE METAL | | |
| CATALYST | | NA | ALLOYS | | |
| VEHICLE | | NA | METALLIC COATINGS | | |
| SOLVENTS | | NA | FILLER METAL PLUS COATING OR CORE FLUX | | |
| ADDITIVES | | NA | OTHERS | | |
| OTHERS | | NA | | | |

NOT APPLICABLE

| HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES | % | TLV (Units) |
|---|---|---|
| | | |
| | | |
| | | |
| | | |

## SECTION III PHYSICAL DATA

| | | | |
|---|---|---|---|
| BOILING POINT (°F.) | 5400°F | SPECIFIC GRAVITY ($H_2O$=1) | 3.9 |
| VAPOR PRESSURE (mm Hg.) | N.A. | PERCENT VOLATILE BY VOLUME (%) | N.A. |
| VAPOR DENSITY (AIR=1) | N.A. | EVAPORATION RATE (_____=1) | N.A. |
| SOLUBILITY IN WATER | NIL | | |
| APPEARANCE AND ODOR | CRYSTALLINE WHITE POWDER, NO ODOR | | |

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

| | | | |
|---|---|---|---|
| FLASH POINT (Method used) N.A. | FLAMMABLE LIMITS | Lel | Uel |
| EXTINGUISHING MEDIA NON-INFLAMMABLE, NON-FLAMMABLE | | | |
| SPECIAL FIRE FIGHTING PROCEDURES N.A. | | | |
| UNUSUAL FIRE AND EXPLOSION HAZARDS N.A. | | | |

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## SECTION V HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: CLASSIFIED UNDER OSHA AS INERT OR NUISANCE DUST

EFFECTS OF OVEREXPOSURE: PULMONARY EFFECTS OF INERT DUST

EMERGENCY AND FIRST AID PROCEDURES: N.A.

## SECTION VI REACTIVITY DATA

| STABILITY | | | CONDITIONS TO AVOID |
|---|---|---|---|
| | UNSTABLE | | |
| | STABLE | XXX | |

INCOMPATABILITY *(Materials to avoid)*: NONE

HAZARDOUS DECOMPOSITION PRODUCTS: NONE

| HAZARDOUS POLYMERIZATION | | | CONDITIONS TO AVOID |
|---|---|---|---|
| | MAY OCCUR | | |
| | WILL NOT OCCUR | XXX | |

## SECTION VII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

NORMAL PRECAUTIONS FOR INERT OR NUISANCE DUSTS AND PARTICULATES

WASTE DISPOSAL METHOD

AS ABOVE

## SECTION VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION *(Specify type)*: APPROVED RESPIRATOR FOR NUISANCE DUSTS

| VENTILATION | LOCAL EXHAUST | SPECIAL |
|---|---|---|
| | REQUIRED IF TLV IS EXCEEDED | |
| | MECHANICAL *(General)* | OTHER |

PROTECTIVE GLOVES: N.A.

EYE PROTECTION: IF APPLICABLE

OTHER PROTECTIVE EQUIPMENT: N.A.

## SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: NONE

OTHER PRECAUTIONS