

Material Safety Data Sheet

U.S. Department of Labor

IDENTITY: TIMESAVER LAPPING
COMPOUND

YELLOW LABEL

#40N COARSE

#60N MEDIUM

#80 FINE

#100 VERY FINE

Occupational Safety and Health
Administration

(Non-Mandatory Form)

Form Approved

OMB No. 1218-0072

| | |
|---|--|
| Manufacturer's Name: MICROSURFACE CORP | Emergency Telephone Number (408) 723-0700 |
| Address (Number, Street, City, State, and ZIP Code) | Telephone Number for Information (408) 723-0700 |
| 270 HILLSDALE AVE | Date Prepared January 19, 2007 |
| SAN JOSE, CA 95136 | Signature of Preparer (optional) BRIAN GERANEN |

Section II - Hazard Ingredients/Identity Information

| Hazardous Components (Specific Chemical Identity; Common Name(s)) | OSHA PEL | ACGIH TLV | OTHER LIMITS RECOMMENDED | % (OPT) |
|---|--------------|--------------|-----------------------------|---------|
| 14808-60-7 GROUND SILICA ABRASIVE | .19 mg/M3 | .1 mg/M3 | None | 30-55% |
| 7727-43-7 BARIUM SULFATE | 10 mg/M3 | 10 mg/M3 | None | 20-50% |
| 25155-30-0 DETERGENT | 15 mg/M3 | 10 mg/M3 | None | 5-25% |

Section III – Physical/Chemical Characteristics

| | | | |
|---|------|---|------|
| Boiling Point | N.A. | Specific Gravity (H ₂ O = 1) SILICA | 2.3 |
| Vapor Pressure (mm Hg.) | N.A. | Melting Point | N.A. |
| Vapor Density (AIR = 1) | N.A. | Evaporation Rate (Butyl Acetate = 1) | N.A. |
| Solubility in Water INSOLUBLE | | | |
| Appearance and Odor ODORLESS YELLOW POWDER | | | |

Section IV - Fire and Explosion Hazard Data

| | | | |
|---|---------------------------------|--------------------|--------------------|
| Flash point (Method used) N.A. | Flammable Limits N.A. | LEL N.A. | UEL N.A. |
| Extinguishing Media: Water, Fog or Flood | | | |
| Special Fire Fighting Procedures: Wear full body protective clothing and self contained breathing apparatus. | | | |
| Unusual Fire and Explosion Hazards: Fume, vapor and dust may occur and are considered toxic. The product or dust can react with strong oxidizing agents. | | | |

Section V – Reactivity Data

| | | | |
|--|----------------------------------|--|----------------------------------|
| Stability: Stable <input checked="" type="checkbox"/> Unstable | Conditions to Avoid: None | | |
| Incompatibility (Materials to Avoid): Acids and Oxidizing Agents | | | |
| Hazardous Decomposition or Byproducts: When heated to decomposition compounds emit sulfur dioxide | | | |
| Hazardous Polymerization | May Occur | Will Not Occur <input checked="" type="checkbox"/> | Conditions to Avoid: None |

Section VI – Health Hazard Data

| | | | |
|---|------------------------|----------------------------|---------------------------|
| Route(s) of Entry: | Inhalation? YES | Skin? NO | Ingestion? YES |
| Health Hazards (<i>Acute and Chronic</i>) Prolonged overexposure to respirable silica above the threshold limit may cause scarring of the lungs with coughing, shortness of breath or silcosis. | | | |
| Carcinogenicity: None | NTP? No | IARC Monographs? No | OSHA Regulated? No |
| Signs and Symptoms of Exposure: Silica – Coughing, Shortness of breath | | | |
| Medical Conditions Generally Aggravated by Exposure: Asthma, Emphysema, Gastroenteritis | | | |
| Emergency and First Aid Procedures: None – Consult Physician | | | |

Section VII – HMIS and NFPA Ratings

| | HMIS | NFPA |
|--|-------------|-------------|
| Health | * | 2 |
| Flammability | 0 | 0 |
| Reactivity | 0 | 0 |
| Protective Equipment / Special Notice | E | NONE |

*For further information on health effects, see Section 6 of this MSDS

Section VIII - Precautions for Safe Handling and Use

| |
|--|
| Steps to Be Taken in Case Material is Released or Spilled: Vacuum clean, do not broom sweep. Keep in closed container until disposal. |
| Waste Disposal Method: Industrial Waste Disposal according to Local, State and Federal Regulations or other EPA Method. |
| Precautions to Be Taken in Handling and Storing: Keep in closed container in a dry place. Do not permit contact with Acids, Alkalis or Strong Oxidizing Agents. Shelf Life - Indefinite |
| Other Precautions: None Known |

Section IX – Control Measures

| | | |
|---|---|---|
| Respiratory Protection (<i>Specify Type</i>) When necessary, use a NIOSH approved dust respirator, HEPA filter. | | |
| Ventilation | Local Exhaust In front of worker | Special OSHA approved if over TLV Limits |
| | Mechanical (<i>General</i>) Normal airborne dust removal | Other None Known |
| Protective Gloves: Desirable, not necessary | | Eye Protection: Desirable, not necessary |
| Other Protective Clothing or Equipment: If prolonged exposure over TLV, disposable coveralls, gloves | | |
| Work/Hygienic Practices: Avoid breathing dust. Wash hands before eating or smoking. | | |
| | | * U.S.G.P.O.: 1986 - 491 - 529/45775 |

Section X – Transportation Information

Timesaver Lapping Compounds are not a hazardous material for purposes of transportation under the U.S. Department of Transportation Table of Hazardous Materials, 49 CFR 172.101