

# Material Safety Data Sheet



# U.S. Department of Labor

**IDENTITY:** TIMESAVER LAPPING COMPOUND

GREEN LABEL

#55N COARSE

#77N MEDIUM

#111 FINE

#333 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 4, 2012
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	10-25%
1302-62-1 GROUND NATURAL ABRASIVE	15 mg/M3	10 mg/M3	None	50-70%
7727-43-7 BARIUM SULFATE	10 mg/M3	10 mg/M3	None	10-20%
25155-30-0 DETERGENT	15 mg/M3	10 mg/M3	None	5-20%

## Section III – Physical/Chemical Characteristics

Boiling Point	N.A.	Specific Gravity (H <sub>2</sub> 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 GREEN POWDER

**Section IV - Fire and Explosion Hazard Data**

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

**Section V – Reactivity Data**

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

**Section VI – Health Hazard Data**

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

**Section VII – HMIS and NFPA Ratings**

	<b>HMIS</b>	<b>NFPA</b>
<b>Health</b>	*	2
<b>Flammability</b>	0	0
<b>Reactivity</b>	0	0
<b>Protective Equipment</b>	E	-

**\*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 (*Specify Type*)**

When necessary, use a NIOSH approved dust respirator, HEPA filter.

<b>Ventilation</b>	<b>Local Exhaust</b> In front of worker	<b>Special</b> OSHA approved if over TLV Limits
	<b>Mechanical (<i>General</i>)</b> Normal airborne dust removal	<b>Other</b> 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.