

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 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	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 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 GREEN 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 X 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 X	Conditions to Avoid: None

Section VI – Health Hazard Data

Route(s) of Entry:	Inhalation? YES	Skin? NO	Ingestion? YES
Health Hazards (Acute and Chronic) 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, Gastroentitis			
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	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 (<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.