

Material Safety Data Sheet

IDENTITY: TIMESAVER LAPPING COMPOUND

YELLOW LABEL

#40N COARSE

#60N MEDIUM

#80 FINE

#100 VERY FINE



U.S. Department of Labor

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	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 ☒ 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 ☒	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, 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 / 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 (*Specify Type*)

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