

Material Safety Data Sheet

May be used to comply with
OSHA's Hazard Communication Standard,
29 CFR 1910.1200. Standard must be
consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration

(Non-Mandatory Form)

Form Approved

OMB No. 1218-0072

IDENTITY (As Used on Label and List)

Gravilon II, Lusterwhite

Note: Blank spaces are not permitted. If any item is not applicable, or no
information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name
Grav Co., LLC

Emergency Telephone Number
1-269-651-5467

Address (Number, Street, City, State, and ZIP Code)
400 Norwood Ave.

Telephone Number for Information
1-269-651-5467

Sturgis, MI. 49091

Date Prepared
March 25, 2008

Signature of Preparer (optional)

Section II — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Silica CAS# 7631-86-9	15	10		
Polyester Resin Proprietary				
Styrene 100-42-5				

Section III — Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H ₂ O = 1)	2:1
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

Not Soluble

Appearance and Odor

Light Amber Colored, Hard Geometric Shaped Particles. Plastic Odor.

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits	LEL	UEL
N/A	Not Known		

Extinguishing Media

Foam

Special Fire Fighting Procedures

Foam/This Material is Plastic Based. Do Not Expose to Open Flame.

Unusual Fire and Explosion Hazards

Not Known

(Reproduce locally)

OSHA 174, Sept. 1985

007-01-0007-1

Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	None Known

Incompatibility (Materials to Avoid)

None Known

Hazardous Decomposition or Byproducts

None Known

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

Section VI — Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
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Health Hazards (Acute and Chronic)

Avoid Contact With Eyes. If Eyes Are Contacted, Flush With Cool Water And Seek Medical Attention. Avoid breathing Dust From The Media In It's Dry Form.

Carcinogenicity:	NTP? NO	IARC Monographs? NO	OSHA Regulated? NO
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Signs and Symptoms of Exposure

Possible Skin Irritant - Redness

Medical Conditions

Generally Aggravated by Exposure None Known

Emergency and First Aid Procedures

Seek Medical Attention If There Is Any Question.

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled

Sweep Up.

Waste Disposal Method

As With Other Industrial Products in Accordance With State And Federal Regulations.

Precautions to Be Taken in Handling and Storing

None Known

Other Precautions

None Known

Section VIII — Control Measures

Respiratory Protection (Specify Type)

None Required

Ventilation	Local Exhaust	Special
	as in Use Area	
	Mechanical (General)	Other

Protective Gloves

Rubber

Eye Protection

Safety Glasses

Other Protective Clothing or Equipment

None Required

Work/Hygiene Practices

Wash Hands After Use.

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: H-33

Date Prepared: November 14, 2006

SECTION I - MANUFACTURER'S INFORMATION

Manufacturer:

Abrasive Finishing Inc.
11770 Dexter Road
Chelsea, Michigan 48118

Telephone:

Information: (734) 475-9111
Fax: (734) 475-3300
E Mail: afil@aol.com

24-HOUR EMERGENCY TELEPHONE: 734-260-1000

SECTION II - HAZARDOUS INGREDIENTS

Hazardous Components	CAS No.	%	Exposure Limits
Magnesium Aluminum Silicate	1302-88-1	60-90	N/A
Aluminum Oxide	1344-28-1	1-20	OSHA PEL = 5 mg/m ³

*All values are expressed as 8-hour time-weighted averages (TWA) unless otherwise noted

SECTION III - PHYSICAL DATA

Boiling Point: Not Applicable

Vapor Pressure (mm Hg): Not Applicable

Vapor Density (Air = 1): Not Applicable

Evaporation Rate (Butyl Acetate = 1): Not Applicable

Specific Gravity (H₂O = 1): 3.01

Melting Point: Approx. 2,400⁰ F

Solubility in Water: Negligible

Appearance and Odor: Dark brown ceramic stones, odorless.

SECTION IV - FIRE AND EXPLOSION DATA

Flash Point: Not Applicable

Flammable Limits: Not Applicable

LEL: Not Applicable

UEL: Not Applicable

Extinguishing Media: This material will not burn

Special Fire Fighting Procedures: None
Unusual Fire and Explosion Hazards: No unusual hazards

SECTION V - REACTIVITY DATA

Stability: Stable under normal storage and use conditions
Incompatibility (Materials to Avoid): None known
Hazardous Decomposition or Byproducts: None known
Hazardous Polymerization: Will not occur

SECTION VI - HEALTH HAZARD DATA

Routes of Entry: Inhalation ☒ Skin ☐ Ingestion ☐

Health Hazards: Avoid breathing dust. Inhalation of dust may cause irritation of the nose, throat and respiratory passages. Long term exposure may cause severe and permanent damage to the lungs.

Signs and Symptoms of Exposure: Overexposure to nuisance dusts may cause mucous membrane and respiratory irritation, eye irritation, cough, sore throat, nasal congestion, sneezing, and/or shortness of breath.

Medical Conditions Generally Aggravated by Exposure: Individuals with pulmonary and/or respiratory disease, including but not limited to asthma and bronchitis or subject to eye irritation, should be precluded from exposure to dust.

CALIFORNIA PROPOSITION 65: N/A

Emergency and First Aid Procedures:

Gross Inhalation of Dust - Remove to fresh air; give oxygen or artificial respiration if necessary. Seek immediate medical attention.

Skin Contact - Wash skin thoroughly with soap and water.

Eye Contact - Flush eyes thoroughly with large amounts of running water. If irritation persists, seek medical attention.

Ingestion - As shipped, product is not likely to be ingested.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Proper Use Instructions: This product is intended for use in wet abrasive applications *only*.

Steps to Be Taken in Case Material is Released or Spilled: Clean up with broom and shovel.

Waste Disposal Method: Dispose of by landfill according to local, state, and federal regulations.

Precautions to Be Taken in Handling and Storing: None

Other Precautions: None

HMIS Ratings:

Health	= 0
Flammability	= 0
Reactivity	= 0
Personal Protection	= A (Safety Glasses)

SECTION VIII - CONTROL MEASURES

Engineering Controls: Process enclosures, local exhaust or other engineering process controls may be necessary to keep any air contaminants associated with this product within their TLV'S. This is particularly true if user operation generates dust.

Respiratory Protection: As this product is a proprietary mixture of unique ingredients, it does not have an established limit for airborne concentration (PEL or TLV). Furthermore, if this material is used as recommended with solution, it should have limited potential to expose personnel with dusts that would require respiratory protection. The user must review their own circumstances and then determine what is required to establish a respiratory protection program that meets their requirements, within OSHA 1910.134. If workplace conditions warrant respiratory protection, use MSHA/ NIOSH approved units as listed in the current 29 CFR 1910.134 for the existing conditions. Actual respirator selection should be made after consultation with a competent health and safety professional.

Protective Gloves: Optional as needed to prevent skin contact.

Eye Protection: Industrial safety glasses with side shields

Other Protective Clothing or Equipment: Wear clothing designed to limit direct exposure to product or dusts associated with product. If clothing becomes contaminated, it should be laundered before wearing again. Barrier skin creams may be applied to parts of the body not otherwise protected if worker find this beneficial.

Work/Hygienic Practices: Wash hands thoroughly with soap and water before eating or drinking.

This Material Safety Data Sheet has been prepared in accordance with the requirements of the OSHA Hazard Communication Standard (29 CFR 1910.1200). Information provided is based upon data believed to be correct, however, no warranty or guarantee, expressed or implied, is made regarding such information.