

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): **Abrade-Away**

Section I - Manufacturer Information	
Manufacturer's Name: Specialty Sand Company	Emergency Telephone Number: (281) 215-9500
Address (Number, Street, City, State and Zip Code): 16601 Garrett Road Houston, Texas 77074	Telephone Number for Information: (281) 215-9500
	Date Prepared: 6-Nov-02
	Signature of Preparer (Optional):

Section II - Hazardous Ingredients/Identity Information				
Hazardous Components (Specific Chemical Identity: Common Name(s)) FAYALITA (COMPLEX SILICATES and OXIDES of Fe, Si, Ca, Al; (copper slag)				
CHEMICAL FORMULA: --(SiO₂)Fe				
CAS NUMBER	CHEMICAL NAME	PERCENT %	OSHA PEL	ACGIH TLV
1309-37-1 Amorphous (non-fumed, non-fused)	Fe ₂ O ₃	60.23 - 69.63	10mg/cm	5mg/cm
	SiO ₂	28.16 - 30.84	10mg/cm	5mg/cm
1344-28-1	Al ₂ O ₃	2.42 - 3.61	5mg/cm	10mg/cm
1314-13-2	Zn	1.49 - 2.20	5mg/cm	10mg/cm
1305-78-8	CaO	.30 - 1.18	5mg/cm	2mg/cm
NUISANCE DUST				

TOTAL DUST		15mg/cm	10mg/cm
RESPIRABLE DUST		5mg/cm	5mg/cm
Contains less than 1% Free Silica		10mg/cm	0.1mg/cm
		%SiO ₂ +2	

Section III - Physical/Chemical Characteristics			
Boiling Point	N/A	Specific Gravity (H ₂ O =1)	3.9g/cc
Vapor Pressure (mmHg)	N/A	Melting Point	>2000 F
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water	INSOLUBLE		
Appearance and Odor	BLACK SOLID ANGULAR GRANULES WITH NO ODOR		

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	PRODUCT IS NON-FLAMMABLE AND NON-EXPLOSIVE
Special Fire Fighting Procedures	N/A
Unusual Fire and Explosion Hazards	N/A

Section V - Reactivity Data

Stability:	Unstable		Conditions to Avoid: N/A
YES	Stable	X	PRODUCT STABLE UNDER NORMAL CONDITION OF USE, STORAGE AND TRANS
Incompatibility (Materials to Avoid)	STRONG ACIDS		
Hazardous Decomposition or Byproducts	N/A		
Hazardous Polymerization	May Occur	X	Conditions to Avoid: STRONG ACID CONTAMINATION
	Will Not Occur	X	NONE

Section VI - Health Hazard Data				
Route(s) of Entry:	Inhalation? YES	Skin? YES	Eyes? YES	Ingestion? YES
Health Hazards (Acute and Chronic)	ACUTE - EYES, SKIN and RESPIRATORY TRACT IRRITANT. CHRONIC - EXCESSIVE EXPOSURE BY INHALATION OF PARTICLES LESS THAN 5um MAY AGGRAVATE RESPIRATORY TRACT and PRE-EXISTING HEALTH CONDITIONS.			
Carcinogenicity:	NTP? NONE	IARC Monographs? NONE	OSHA Regulated? NONE	
IARC Monographs indicate evidence for the carcinogenicity of inhaled silica in humans.				
Signs and Symptoms of Exposure	OVEREXPOSURE MAY RESULT IN IRRITATION TO EYES, SKIN OR THE RESPIRATORY TRACT.			
Medical Conditions Generally Aggravated by Exposure:	POSSIBLE RESPIRATORY DISORDERS OR DISEASES MAY BE AGGRAVATED BY EXPOSURE.			
Emergency and First Aid Procedures	FOR EYE CONTACT - FLUSH WITH WATER. FOR SKIN IRRITATION - WASH WITH SOAP AND WATER. FOR INHALATION EXPOSURE - MOVE TO FRESH AIR. FOR INGESTION - RINSE MOUTH WITH WATER.			

Section VII - Precautions for Safe Handling and Use
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Steps to Be Taken in Case Material is Released or Spilled:

WEAR PROPER PROTECTIVE EQUIPMENT MEETING OSHA 29 CFR 1910.134 TO AVOID EXPOSURE TO MATERIAL. POSSIBLE RESPIRATORY DISORDERS OR DISEASES MAY BE AGGRAVATED BY EXPOSURE TO NUISANCE DUST GENERATED DURING HANDLING OR USE. SPILLED MATERIAL SHOULD BE SWEEPED OR VACUUMED INTO APPROPRIATE CONTAINERS.

Waste Disposal Methods:

DISPOSE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS. TCLP DATA AVAILABLE UPON REQUEST. TEST USED MATERIAL TO DETERMINE WASTE CLASSIFICATION.

Precautions to Be Taken in Handling and Storing:

WEAR PPE MEETING NIOSH AND OSHA STANDARDS UNDER 29 CFR 1910.134

Other Precautions:

NONE

Section VIII - Control Measures

Respiratory Protection (Specify Type):

USE ONLY RESPIRATORS THAT MEET NIOSH AND OSHA STANDARDS UNDER 29 CFR 1910.134

Ventilation:

YES

Local Exhaust:

PROVIDE ENOUGH VENTILATION FOR VISUAL CON

Special:

Protective Gloves:

LEATHER GLOVES TO PROTECT

Eye Protection:

AIR FED HOOD WITH LENS PROTECTION OR GOOGLES

Other Protective Clothing or Equipment:

BLAST ABRASIVE SUIT

Work/Hygienic Practices:

ALWAYS CLEAN PERSONAL EQUIPMENT AS RECOMMENDED BY MANUFACTURER.

*This Material Safety Data Sheet has been modified to fit the screen