

Material Safety Data Sheet

Used to comply with OSHA's Hazard
Communication Standard, 29 CFR 1910.1200

SECTION I - NAME AND PRODUCT

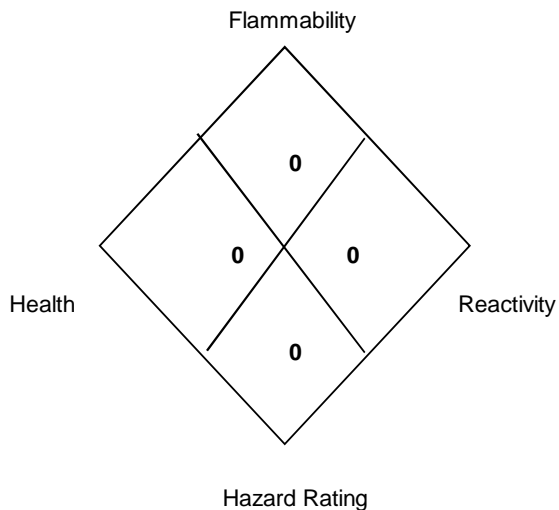
Company Name: Flexovit Abrasives

Address: 1305 Eden-Evans Road
Angola, NY 14006

Phone: 1-800-689-3539

Date Updated: 11/1/2011

Product: Vitrified Bench Grinder Wheels



NFPA HAZARD RATING CODE

SECTION II - COMPOSITION

Ingredient	% By Weight	OSHA Regulate	Cas #	OSHA PEL	ACGIH TLV	Other Limits	Carcinogen
Aluminium Oxide	+ .50%	N/A	1344-28-1	15 mg/m ³	10 mg/m ³	N/A	No
A, 28A, 29A, 59A, 83A, 13A, WA, PA, RA							
Silicon Carbide	+ .50%	N/A	409-21-2	10 mg/m ³	10 mg/m ³	N/A	No
72C, 74C, C, GC							
Structural Claws	+6%		N/A				

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Physical State	N/A	Boiling Point	N/A	Specific Gravity (H ₂ O=1)	1.7-2.5
Vapor Pressure (mm HG)	N/A	Freezing Point	N/A	Odor Threshold	N/A
Vapor Density (Air=1)	N/A	Melting Point	N/A	pH	N/A
Solubility in Water	N/A	% Volatile	N/A	Evaporation Rate	N/A
Odor/Appearance	Solid, may give off slight odor in use		Coefficient of Water/Oil Distribution		N/A

SECTION IV - FIRE AND EXPLOSION DATA

Means Of Extinction	Water	Lower And Upper Explosion Limits	N/A
Flammable Limits	N/A	Special Fire Fighting Procedures	None
Flash Point	N/A	Unusual Fire or Explosion Hazards	None, does not burn or explode

SECTION V - REACTIVITY DATA

Stability: Stable

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Incompatibility (Materials To Avoid): Avoid strong acids of all types with pH<4.0

Hazardous Polymerization: Will not occur

Hazardous Byproducts: Grinding dust may produce respiratory hazard

SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry	Signs and Symptoms of Exposure	Emergency & First-Aid Procedures
Inhalation	May affect breathing capacity Inhalation, coughing, shortness of breath	-Inhalation overexposure: remove to fresh air and contact physician if needed
Skin	Irritation	-Skin contact: wash affected areas with soap and water, obtain medical assistance if needed
Eyes	Irritation	-Eye contact: wash with water, obtain medical assistance if needed
Ingestion	N/A	-Ingestion: no known adverse affects, but advisable to obtain medical assistance

SECTION VII- STORAGE HANDLING AND USE PROCEDURES

Steps to be taken in case material is released or spilled: Ventilate area and collect material in safe manner

Waste disposal method: Standard landfill methods with federal, state, and local laws

Precautions to be taken in handling and storage: Avoid mechanic damage, handle and store in accordance with ANSI B7.1,

Inspect wheel prior to mounting, Make sure machine speed is compatible to speed of wheel

Other precautions: Follow ANSI Safety Code B7.1 for the use, care, and protection of abrasive wheels

SECTION VIII- CONTROL MEASURES

Protection	Requirements and Referrals
Respiratory	Approved dust respirators required, see OSHA 29 CFR 1910-134
Ventilation	Local exhaust required; Mechanical (general) recommended
Protective Gloves	As desired by operator
Eye Protection	Required, see OSHA CFR 1910-133
Hearing Protection	Where required, see OSHA 29CFR 1910-134
Hygienic Practices	N/A
Other	If applicable (apron), face shield, machine guards

COMPANY USE

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