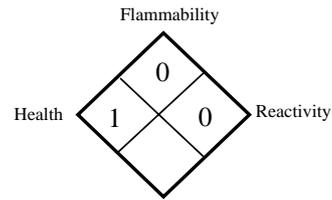


NFPA Hazard Rating



0 = Minimum 1 = Light 2 = Moderate 3 = Serious 4 = Extreme

**MATERIAL SAFETY DATA SHEET
A-05E**

Section 1 - Product Identification

J. WALTER COMPANY LTD. 5977 Transcanada Highway Pointe-Claire, Quebec H9R 1C1 Emergency: CANUTEC (613) 996-6666	Trade name: Product name: Order no.: WHMIS Classification: Controlled under WHMIS:	Mounted points, bench grinding wheels All Walter vitrified abrasives All 12-D, 12-E Manufactured article No
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Section 2 - Hazardous Ingredients

<u>Ingredients</u>	<u>CAS Number</u>	<u>% by Weight</u>	<u>LD₅₀RAT</u>	<u>TLV-TWA</u>
Aluminum oxide	1344-28-1	60.0 - 80.0	N/A	10mg/m ³
Silicone carbide	409-21-2	1.0 - 5.0	N/A	10mg/m ³
Ceramic bond	N/A	5.0 - 10.0	N/A	10mg/m ³

Materials are regulated OSHA 29 CFR 1910, 1200, Hazard Communication Standard. Walter vitrified abrasives are manufactured articles and as such are not considered to be controlled under WHMIS when used in accordance with industry safety standards. Most dust generated will be from the workpiece and not from the grinding wheel.

Section 3 - Physical / Chemical Characteristics

Physical state: Solid	Odour & appearance: Characteristic	Odour threshold: N/A
pH: N/A	Boiling point: N/A	Freezing point: N/A
Specific gravity: >1	Vapour pressure: N/A	Vapour density: N/A
Evaporation rate: N/A	VOC g/l: N/A	Water solubility: N/A

Section 4 - Fire & Explosion Hazard

Flammability: No	Conditions: None	Extinguishing media: Water, CO ₂ , chemical
Flashpoint: N/A		Hazardous combustion products: N/A
Auto ignition temperature: N/A		Sensitivity to mechanical impact or static discharge: No
Flammable limits (%): Upper: N/A Lower: N/A		

Section 5 - Reactivity Data

Chemical stability: Yes **Conditions:** None
Reactivity conditions: None
Incompatible substances: None
Hazardous decomposition products: None

MATERIAL SAFETY DATA SHEET

A-05E

Section 6 - Toxicological Data

Route of entry: Eye and skin contact, inhalation.

Acute exposure effects: Uncontrolled dust can affect eyes, respiration.

Chronic exposure effects: Uncontrolled dust can affect eyes, skin, respiration.

Exposure limits (TLV/TWA): N/Av

<u>Carcinogenicity</u>	<u>Mutagenicity</u>	<u>Reproductive toxicity</u>	<u>Teratogenicity</u>	<u>Synergistic effects</u>
No	No	No	No	No

If yes to any of the above, specify:

Section 7 - Preventive Measures

Protective equipment: Eyewear, clothing, gloves
Handling procedures: Follow safety standards for grinding.
Waste disposal methods: Dispose as per Municipal, Provincial and Federal regulations.
Leak/spill procedures: N/A
Storage requirements: N/A
Engineering controls: Ensure adequate ventilation.
Handling equipment: N/A
Special shipping information: N/A

Section 8 - First Aid Measures

Skin contact: Rinse thoroughly with soap and water.
Eye contact: Rinse thoroughly with plenty of clean water. Do not remove embedded objects. Consult a physician if necessary.
Inhalation: Remove to fresh air. Consult a physician if necessary.
Ingestion: N/A
Other: Treat scrapes or cuts by cleansing wound. Apply sterile dressing.

Section 9 - Preparation of MSDS

Prepared by: International Product Manager
Telephone: 1-888-592-5837
Date: March 17th, 2010

This data is offered in good faith as typical values and not as a product specification. No warranty, either express or implied is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.