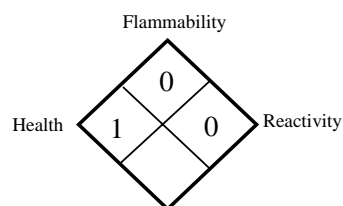


NFPA Hazard Rating



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

MATERIAL SAFETY DATA SHEET

A-05E

Section 1 - Product Identification

J. WALTER INC.
810 Day Hill Road
Windsor, CT 06095

Emergency: INFOTRAC (800) 535-5053

Trade name: Mounted points, bench grinding wheels
Product name: All Walter vitrified abrasives
Order no.: All 12-D, 12-E
WHMIS Classification: Manufactured article
Controlled under WHMIS: No

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	Odor & appearance: Characteristic	Odor threshold: N/A
pH: N/A	Boiling point: N/A	Freezing point: N/A
Specific gravity: >1	Vapor pressure: N/A	Vapor 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, CO₂, 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 Local, State 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:	Product Manager - Bonded Abrasives
Telephone:	860-298-1100
Date:	May 1, 2008

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.

N/A - Not Applicable

N/Av - Not Available