

5-020

NFPA Hazard Identification  
FLAMMABILITY

0	0
1	0
0	0

HEALTH REACTIVITY

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

## MATERIAL SAFETY DATA SHEET M.S.D.S. No.: A-02E

### SECTION 1 & 2 - Product & Preparation Information

TRADE NAME(S): Allsteel, Coolcut, Enduro-Flex, Topcut, Two-in-one, Inox, Twist.	PRODUCT NAME(S): Coated abrasives.
PREPARED BY: Product Manager, Abrasives	ORDER NO.(S): 04-A,-D, 06B,-F,-X, 07-F,-J,-K,-Q, U 14-, 15-, (except -H, -L)
TELEPHONE #: (860) 724-0321 DATE: April 16, 2003	WHMIS CLASSIFICATION: MANUFACTURED ARTICLE
	THIS IS A CONTROLLED PRODUCT UNDER WHMIS: No <input checked="" type="checkbox"/> Yes <input type="checkbox"/>

### SECTION 3 - Hazardous Ingredients

CHEMICAL IDENTITY	REG.*	% BY WEIGHT	C.A.S. Number	LD <sub>50</sub> RAT	TLV-TWA
Aluminum Oxide	Yes	60.0-80.0	1344-28-1	N/Av	10mg/m <sup>3</sup>
Zirconium Dioxide	Yes	20.0-80.0	1314-23-4	N/Av	5mg/m <sup>3</sup>

\* Materials are regulated by OSHA 29 CFR 1910.1200, Hazard Communication Standard. Walter coated abrasives are manufactured articles and as such are to be not considered controlled products under W.H.M.I.S. when used in accordance with industry safety standards. Most dust generated will be from the workpiece and not from the disc.

### SECTION 4 - Physical Data

PHYSICAL STATE: Solid	ODOUR & APPEARANCE: Characteristic	ODOUR THRESHOLD: N/A
pH: N/A	BOILING POINT (°C): N/A	FREEZING POINT (°C): N/A
SPECIFIC GRAVITY: >1	VAPOUR PRESSURE: N/A	VAPOUR DENSITY: N/A
EVAPORATION RATE: N/A		SOLUBILITY COEFFICIENT: N/A

### SECTION 5 - Fire or Explosion Hazards

FLAMMABILITY: No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> Conditions: None	HAZARDOUS COMBUSTION PRODUCTS: N/A
EXTINGUISHING MEDIA: Water, CO <sub>2</sub> , Chemical	SENSITIVITY TO MECH. IMPACT OR STATIC DISCHARGE: No
FLASHPOINT (°C, Method): N/A	AUTO IGNITION TEMPERATURE (°C): N/A FLAMMABLE LIMITS (%) UPPER: N/A LOWER: N/A

### SECTION 6 - Toxicological Data

ROUTE OF ENTRY: <input checked="" type="checkbox"/> Skin Contact <input type="checkbox"/> Skin Absorption <input checked="" type="checkbox"/> Eye Contact <input checked="" type="checkbox"/> Inhalation <input type="checkbox"/> Ingestion	
ACUTE EXPOSURE EFFECTS: Uncontrolled dust can affect eyes, respiration.	EXPOSURE LIMITS
CHRONIC EXPOSURE EFFECTS: Uncontrolled dust can affect eyes, skin, respiration.	N/Av
CARCINOGENICITY: No <input checked="" type="checkbox"/> Yes <input type="checkbox"/>	MUTAGENICITY: No <input checked="" type="checkbox"/> Yes <input type="checkbox"/>
REPRODUCTIVE TOXICITY: No <input checked="" type="checkbox"/> Yes <input type="checkbox"/>	TERATOGENICITY: No <input checked="" type="checkbox"/> Yes <input type="checkbox"/>
	SYNERGISTIC EFFECTS: No <input checked="" type="checkbox"/> Yes <input type="checkbox"/>
IF YES TO ANY ABOVE, SPECIFY: No	

### SECTION 7 - Reactivity Data

CHEMICAL STABILITY: No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> Conditions: None	REACTIVITY CONDITIONS: None
INCOMPATIBLE SUBSTANCES: None	HAZARDOUS DECOMPOSITION PRODUCTS: None

### SECTION 8 - Preventive Measures

PROTECTIVE EQUIPMENT: <input checked="" type="checkbox"/> Eyewear <input checked="" type="checkbox"/> Clothing <input checked="" type="checkbox"/> Gloves <input type="checkbox"/> Other	ENGINEERING CONTROLS: Use adequate ventilation
HANDLING PROCEDURES: Follow safety standards for grinding	HANDLING EQUIPMENT: N/A
WASTE DISPOSAL METHODS: According to government regulations	LEAK/SPILL PROCEDURES: N/A
STORAGE REQUIREMENTS: N/A	SPECIAL SHIPPING INFORMATION: N/A

### SECTION 9 - First Aid Measures

SKIN CONTACT: Rinse thoroughly with soap and water.
EYE CONTACT: Rinse thoroughly with plenty water. Do not remove embedded objects. Seek medical help, if needed.
INHALATION: Remove to fresh air, seek medical advice if needed.
INGESTION: N/A
OTHER: Treat scrapes or cuts by cleansing wound. Apply sterile dressing.

N/A - Not Applicable

N/Av - not available

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.