



SECTION I – NAME AND PRODUCT	
MANUFACTURER'S NAME:	3M Company, Abrasives Systems Division
STREET ADDRESS, CITY, STATE, AND ZIP:	3M Center, Saint Paul, MN 55144-1000
EMERGENCY TELEPHONE NUMBER:	1-800-364-3577 or (651) 737-6501 (24 hours) <span style="float: right;">DATE: 10/20/09</span>
TRADE NAME, COMMON NAME, OR SPECIFICATION:	Standard Abrasives Cartridge Rolls, Cross Pads, Flap Discs, Laminated Quick Change SocAtt and Lockit Discs (except A/O Xtra), Overlap Cloth Discs, PSA Discs, Resin Fibre Discs, Slotted Cloth Discs, SoftEdge Discs, Flap Wheels, Handy Rolls, Cloth and Paper Sheets, Resin Bond Spiral Bands, Square Pads, and Tapered Cone Points
CHEMICAL FAMILY OR PRODUCT TYPE:	Coated Abrasive Specialties

CHEMICAL NAME	%	REG* Y/N	CAS NO.	OSHA EXPOSURE LIMIT	ACGIH TLV	CARCINOGEN Y/N
Aluminum Oxide, Non-Fibrous	0 – 75	Y	1344.28.1**	15mg/m <sup>3</sup>	10mg/m <sup>3</sup>	N
Silicon Carbide	0 – 75	Y	409.21.2	15mg/m <sup>3</sup>	10mg/m <sup>3</sup>	N
Zirconia Oxide	0 – 30	Y	1314.23.4	15mg/m <sup>3</sup>	10mg/m <sup>3</sup>	N
Cured Adhesive Resins	10 – 15	N	--	15mg/m <sup>3</sup>	10mg/m <sup>3</sup>	N

\* Materials are regulated by OSHA 29CFR1910.1200, Hazard Communication Standard.

Note: Standard Abrasives regards these products as "articles" as defined in the Federal Occupational Safety and Health Administration Hazard Communication Standard, 29CFR1910.1200. The use of approved respirators, ventilation equipment, face and hand protection is recommended for the safe use of these products.

Definition of "Article" per 29CFR1910.1200 7/1/88 edition: "Article" means manufactured item: (i) Which is formed to a specific shape or design during manufacture; (ii) Which has end use function(s) dependent in whole or in part upon its shape or design during end use; and (iii) Which does not release, or otherwise result in exposure to a hazardous chemical, under normal conditions of use.

\*\* The EPA has designated that non-fibrous forms of aluminum oxide are not a toxic chemical under Section 313 of SARA.

SECTION III – PHYSICAL AND CHEMICAL DATA					
BOILING POINT:	N/A	MELTING POINT:	N/A	SPECIFIC GRAVITY:	N/A
VAPOR PRESSURE:	N/A	PERCENT VOLATILE BY VOLUME:	N/A	VAPOR DENSITY:	N/A
EVAPORATION RATE:	N/A	SOLUBILITY IN WATER:	N/A	SOLUBILITY IN ALCOHOL:	N/A
SOLUBILITY IN OTHER SOLVENT:	N/A	APPEARANCE/ODOR: Roll, disc, wheel or sheet coated with abrasive material.			

SECTION IV – FIRE AND EXPLOSION HAZARD DATA			
FLASH POINT:	N/A	METHOD USED:	N/A
FLAMMABLE LIMITS:	LEL: N/A	UEL:	N/A
EXTINGUISHING MEDIA:	N/A		
SPECIAL FIRE FIGHTING PROCEDURES:	Backings and resin binder will burn or decompose, use respiratory protection.		
EXPLOSION POTENTIAL:	N/A		

<b>SECTION V – HEALTH, FIRST AID, AND MEDICAL DATA</b>		
PRIMARY ROUTE(S) OF ENTRY	ACUTE AND CHRONIC HEALTH EFFECTS AND EFFECTS OF OVEREXPOSURE	FIRST AID AND MEDICAL INFORMATION
INHALATION (DURING USE)	Acute: May cause coughing (dust), shortness of breath. Chronic: May affect breathing capacity.	Remove to fresh air. Apply artificial respiration as needed. Obtain first aid or medical assistance, if needed.
INGESTION	(Dust) No known adverse effects, but ingestion not recommended.	Obtain first aid or medical assistance, if needed.
SKIN CONTACT & ABSORPTION	Not absorbed through skin. May cause abrasions.	Obtain first aid or medical assistance, if needed.
EYE	Dust may irritate eyes.	Wash with large amount of water. Obtain medical assistance, if needed.
OTHER POTENTIAL HEALTH RISKS	During use on some materials, elevated sound levels may be created which affect hearing.	Obtain medical assistance, if needed.
<b>SECTION VI – CORROSIVITY AND REACTIVITY DATA</b>		
STABILITY:	<input checked="" type="checkbox"/> Stable	<input type="checkbox"/> Unstable
POLYMERIZATION:	<input type="checkbox"/> May Occur	<input checked="" type="checkbox"/> Will Not Occur
INCOMPATIBILITY (MATERIALS TO AVOID):	Not applicable.	
DECOMPOSITION PRODUCTS:	In-use dust and decomposing resin system fumes are generated. In most cases, the material removed from the work piece will be significantly greater than the coated abrasive product's components.	
CONDITIONS TO BE AVOIDED:	Not applicable.	
<b>SECTION VII – STORAGE, HANDLING AND USE PROCEDURES</b>		
NORMAL STORAGE AND HANDLING:	Handle with adequate ventilation. See OSHA 29CFR1910.94, (Ventilation), and OSHA 29CFR1910.1000, (Air Contaminants).	
NORMAL USE:	Handle with adequate ventilation. See OSHA 29CFR1910.94, (Ventilation), OSHA 29CFR1910.1000, (Air Contaminants), and OSHA CFR1910.213(P), (Sanding Machines).	
STEPS TO BE TAKEN IN CASE OF LEAKS OR SPILLS:	Normal clean up procedures.	
WASTE DISPOSAL METHOD:	Standard landfill methods consistent with applicable federal, state, and local laws.	
<b>SECTION VIII – PERSONAL PROTECTION INFORMATION</b>		
RESPIRATORY PROTECTION (SPECIFY TYPE):	As needed, approved dust respirator. See OSHA 24CFR1910.134	
VENTILATION:	LOCAL: MECHANICAL: OTHER:	Recommended. Recommended. No applicable information found.
PROTECTIVE GLOVES:	As desired by user.	
EYE PROTECTION:	Recommended. See OSHA 29CFR1910.133, (Face & Eye Protection).	
OTHER EQUIPMENT:	As needed, hearing protection. See OSHA 29CFR1910.215, (Hearing Protection).	
MEASURES TO BE TAKEN DURING REPAIR AND MAINTENANCE OF CONTAMINATED EQUIPMENT THAT HAS BEEN IN CONTACT WITH THIS MATERIAL:	See Sections VI, VII, and VIII.	
<b>SECTION IX – SPECIAL PRECAUTIONS</b>		
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:	Not applicable.	
OTHER PRECAUTIONS:	Not applicable.	

The information and recommendations set forth herein are taken from sources believed to be accurate as of the date hereof; however, Standard Abrasives makes no warranty with respect to the accuracy of the information or the suitability of the recommendations, and assumes no liability to any user thereof.