



MATERIAL SAFETY DATA SHEET

CHROMATE INDUSTRIAL CORPORATION®
5250-A Naiman Parkway, Solon, OH 44139 • 888-567-2206 • www.chromate.com

**FOR CHEMICAL
EMERGENCY**

Call ChemTrec day/night:
1-800-424-9300

SECTION 1 — PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: CLOTH SHEET ABRASIVE CLOTH

DATE PREPARED: APRIL 21, 2013

PART NUMBER: 60841 - 60853

PRODUCT TYPE: ALUMINUM OXIDE SHEETS
RESIN OVER RESIN CONSTRUCTION CLOTH

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SECTION 2 — COMPOSITION MAY CONTAIN ONE OR MORE OF THE FOLLOWING

CHEMICAL COMPOSITION	COMMON NAME	OSHA REG (YES/NO)	CAS #	OSHA PERMISSIVE EXPOSURE LIMIT	ACHIH TLV	CARCINOGEN (YES/NO)
Al ₂ O ₃	Aluminum Oxide	Y	1344-28-1	15mg/M3	10mg/M3	N
SIC	Silicon Carbide	Y	409-21-2	15mg/M3	10mg/M3	N
Al ₂ O ₃ -ZrO ₂	Zirconia Alumina	Y	7440-67-7	15mg/M3	10mg/M3	N
Na ₃ AlF ₆	Cryolite	Y	15096-52-3	N/A	N/A	N
KBF ₄	Potassium Fluoroborate	Y	14075-53-7	N/A	N/A	N
	Cured Phenolic Resin	Y	60304-36-1	N/A	N/A	N
CaO	Calcium Oxide	Y	1305-78-8	2mg/M3	N/A	N
Zn(C ₁₈ H ₃₅ O ₂) ₂	Zinc Stearate	Y	557-05-01	N/A	10mg/M3	N
Si O ₂	Quartz (crystalline silicon dioxide)	Y	14808-60-7	10mg/M3	0.1 mg/M3	N
Complex: (SiO ₂ , FeO, Al ₂ O ₃)	Garnet (Almandite)			15mg/M3	N/A	N

Materials are regulated by OSHA 29 CFR 1910.1200 Hazard Communication Standard.

SECTION 3 — PHYSICAL AND CHEMICAL DATA

BOILING POINT: N/A

MELTING POINT: N/A

SPECIFIC GRAVITY: N/A

VAPOR PRESSURE: N/A

PERCENT VOLATILE BY VOL: N/A

VAPOR DENSITY: N/A

EVAPORATION RATE: N/A

SOLUBILITY IN WATER: N/A

SOLUBILITY IN ALCOHOL: N/A

APPEARANCE AND ODOR: 1) Paper, cloth or flore coated with abrasive grain. No odor.

2) Pressed and bonded discs and wheels. No odor.

SECTION 4 — FIRST AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

METHOD USED: N/A

FLAMMABLE ELEMENTS:

LEV: N/A

UEL: N/A

EXTINGUISHING MEDIA:

Any proper fire-fighting material can be used.

SPECIAL FIRE FIGHTING PROC:

Use respiratory protection. Backings and resin binders will burn and/or decompose.

EXPLOSION POTENTIAL:

N/A

NFPA RATINGS:

HEALTH: 1

FLAMMABILITY: 0

REACTIVITY: 0

PERSONAL PROTECTION: C

N/A — NOT APPLICABLE N/D — NOT DETERMINED N/E — NONE ESTABLISHED N/R — NOT REGULATED N/L — NOT LISTED

SECTION 5 — HEALTH, FIRST AID & MEDICAL DATA

PRIMARY ROUTE(S) OF ENTRY	ACUTE & CHRONIC HEALTH EFFECTS & EFFECTS OF OVEREXPOSURE	FIRST AID & MEDICAL INFORMATION
INHALATION (DUST)	Acute - May cause coughing shortness of breath Chronic - May effect breathing capacity.	Remove to fresh air, apply artificial respiration as needed, obtain first aid or medical assistance.
INGESTION	Not known adverse effects but ingestion not recommended.	Obtain first aid or medical assistance, if needed.
SKIN	Not absorbed through skin; may cause abrasions.	Obtain first aid or medical assistance, if needed.
EYE CONTACT	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.

SECTION 6 — CORROSIVITY AND REACTIVITY DATA

STABILITY:	STABLE [X]	UNSTABLE []
POLIMERIZATION:	MAY OCCUR []	WILL NOT OCCUR [X]
INCOMPATIBILITY (Material to Avoid):	N/A []	NONE []
CONDITIONS TO BE AVOIDED:	NONE	
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 components.	

SECTION 7 — STORAGE, HANDLING AND USE PROCEDURES

NORMAL STORAGE HANDLING:	Handle with adequate ventilation. See OSHA 29CFR1910.94 (Ventilation) and OSHA 29CFR 1910.1000 (Air contaminants)
NORMAL USE:	Handle with adequate ventilation. See OSHA 29CFR1910.94 (Ventilation) and OSHA 29CFR 1910.1000 (Air contaminants)
IN CASE OF LEAKS OF SPILLS:	Normal clean up procedures. Vacuum dust.
WASTE DISPOSAL METHOD:	Standard landfill methods consistent with applicable Federal, State and Local Laws.

SECTION 8 — PERSONAL PROTECTION INFORMATION

RESPIRATORY/PROTECTION:	As needed, approved dust respirator OSHA 24 CFR 1910-134 NOISH/MSHA.	
VENTILATION:	LOCAL: Recommended	MECHANICAL: Recommended
PROTECTIVE GLOVES:	Leather gloves as desired by user.	
EYE PROTECTION:	Recommend OSHA 29 CFR 1910,133 (Face and Eye Protection)	
OTHER EQUIPMENT:	As needed, hearing protection - OSHA 29 CFR 1910,215 (Hearing Protection) All recommendations as per ANSI 37,1 Safety Guidelines.	
MEASURE TO BE TAKEN DURING REPAIR AND MAINTENANCE OF CONTAMINATED EQUIPMENT THAT HAS BEEN IN CONTACT WITH THIS MATERIAL:	No special precautions necessary.	
SAFETY ON SANDING MACHINES:	See: OSHA 29 CFR 1910.213 (p) (1,2, 3 & 4) OSHA 29 CFR 1910.243 (a) (3)	