

Safety Data Sheet Cratex Rubber Grinding Products

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Abrasive Product		Health Hazard 1	
For use on Metal alloys for polishing and blending applications		Fire Hazard 0	
Cratex Manufacturing Co., Inc		Reactivity 1	
Supplier's Name		Personal Protection x	
328 Encinitas Blvd. Suite 200		Street Address	
Encinitas	California	City	Province
92024	Emergency Telephone 760.942.2877	Postal Code	Emergency Telephone
Date MSDS Prepared June 1 2015	MSDS Prepared By Cratex Mfg. Co., Inc	Phone Number 760.942.2877	

SECTION 2 — COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients (<i>specific</i>)	%	CAS Number	EC Number
Silicon Carbide	65%	409-21-2	206-991-8
No hazardous material is present in concentration greater than 1% (0.0% for carcinogens)			

SECTION 3 — HAZARDS IDENTIFICATION

Route of Entry	<input checked="" type="checkbox"/> Skin Contact	<input checked="" type="checkbox"/> Skin Absorption	<input checked="" type="checkbox"/> Eye Contact	<input checked="" type="checkbox"/> Inhalation	<input type="checkbox"/> Ingestion
[Emergency Overview]	Cuts, Abrasions, puncture wounds from unsafe product utilization. Seek Medical assistance				
[WHMIS Symbols]	See above				
Potential Health Effects	Skin Contact: Dust may cause temporary mechanical irritation Skin absorption: May cause temporary mechanical irritation				
	Eye contact: Dust may cause slight irritation Inhalation : Dust from this product may cause mechanical irritation of the nose, throat, and preparatory tract				
	No hazardous material is present in concentration greater than 1% (0.0% for carcinogens)				

SECTION 4 — FIRST AID MEASURES

Skin Contact	Immediately wash skin with soap and plenty of water Get medical attention if irritation or symptoms of overexposure persists
Eye Contact	Immediately flush eyes with plenty of water for at least 15 to 20 minutes. Get medical attention if irritation develops or persists
Inhalation	If dust from cutting or drilling is inhaled, remove the affected person to fresh air. If symptoms persist, get medical attention
Ingestion	Accidental ingestion of this material is unlikely. Should this happen seek medical attention.

SAMPLE FORMAT PROVIDED BY THE WORKERS' COMPENSATION BOARD OF BRITISH COLUMBIA

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SECTION 5 — FIRE FIGHTING MEASURES

Flammable <input type="checkbox"/> Yes <input checked="" type="checkbox"/>	If yes, under which conditions?	
Means of Extinction		
Flashpoint (° C) and Method	Upper Flammable Limit (% by volume)	Lower Flammable Limit (% by volume)
Autoignition Temperature (°C)	Explosion Data — Sensitivity to Impact	Explosion Data — Sensitivity to Static Discharge
Hazardous Combustion Products		
[NFPA] Health 0 Flammability 0 Reactivity 1		

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures
Containment of this material is not necessary. Shovel or sweep up for disposal. Avoid creating dusty conditions. Dispose in accordance with State and Federal as well as local and regional laws.

SECTION 7 — HANDLING AND STORAGE

Handling Procedures and Equipment
Always Handle and store wheels in a careful manner. Always visually inspect all wheels before mounting. Always check machine speed against RPM so indicated on the wheel. Always check mounting flanges for equal and correct diameter. Always use mounting blotters. Always be sure work rest is properly adjusted. Always use a safety guard covering at least one - half of the grinding wheel. Always allow newly mounted wheels to run at operation speed with guard in place for at least one minute before grinding. Always turn off coolant before stopping wheel to avoid creating and our of balance wheel.
Storage Requirements
No special storage condition required.

SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Limits <input checked="" type="checkbox"/> ACGIH TLV <input checked="" type="checkbox"/> OSHA PEL <input type="checkbox"/> Other (specify)
Specific Engineering Controls (such as ventilation, enclosed process) General dilution ventilation and or local exhaust ventilation should be provided as necessary to maintain exposures below occupational exposure limits.
ALuminum Oxide, Fiberglass, Amorphous Silica - Fused, Silicon Carbide limits are on file at Cratex Manufacturing Co., Inc.
Personal Protective Equipment <input checked="" type="checkbox"/> Gloves <input checked="" type="checkbox"/> Respirator <input checked="" type="checkbox"/> Eye <input type="checkbox"/> Footwear <input type="checkbox"/> Clothing <input checked="" type="checkbox"/> Other
If checked, please specify type Always wear Protective Gloves. Always wear Safety Glasses or some type of eye protection when grinding. Always use a properly fitted NIOSH approved disposable N95 type dust respirator is recommended. Always use hearing protection

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Physical State Solid Article	Odour and Appearance Odorless	Odour Threshold (ppm)
Specific Gravity	Vapour Density (air = 1)	Vapour Pressure (mmHg)
Evaporation Rate	Boiling Point (° C)	Freezing Point (° C)
pH	Coefficient of Water/Oil Distribution	[Solubility in Water]

SECTION 10 — STABILITY AND REACTIVITY

Chemical Stability <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If no, under which conditions?
Incompatibility with Other Substances <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, which ones?

Reactivity, and under what conditions?

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Hazardous Decomposition Products

In use, dust and decomposing odors may be generated. In most cases, the material removed from the workplace will be significantly greater than the grinding wheel components. Coolants may produce other decomposition products.

SECTION 11 — TOXICOLOGICAL INFORMATION

Effects of Acute Exposure

No toxicological reports have been done on these products

Effects of chronic exposure

Not classified as a human carcinogen, however Chronic exposure could manifest in Lungs, Thorax or Respiration issues.

Irritancy of Product

Skin sensitization	Respiratory sensitization
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Carcinogenicity-IARC	Carcinogenicity - ACGIH
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Reproductive toxicity	Teratogenicity
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Embrototoxicity	Mutagenicity
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Name of synergistic products/effects

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