

# Material Safety Data Sheet



# U.S. Department of Labor

May be used to comply with  
 OSHA's Hazard Communication Standard,  
 29 CFR 1910.1200. Standard must be  
 consulted for specific requirements.

Occupational Safety and Health Administration  
 (Non-Mandatory Form)  
 Form Approved  
 OMB No. 1218-0072

<b>IDENTITY :</b> Resinoid Bonded Cut Off Wheel	Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.
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## Section I

<b>Manufacturer's Name:</b> Spede Tool Mfg. Co. Spedecut Abrasives	<b>Emergency Telephone Number</b> (760) 246-6850
<b>Address:</b> 10042 Rancho Rd. P.O. box 40 Adelanto, Ca. 92301	<b>Telephone Number for Information</b> (760) 246-6850
	<b>Date Prepared:</b> 12-13-07
	<b>Signature of Preparer (optional)</b>

## Section II — Hazard Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))				Hazard: Metallic dust, Phenolic Resin Dust			
Chemical Name	Max %	Common Name	Osha Reg. Y/N	Osha Permissive Expo. Limit	ACGIH TLV	Case #	Osha Carcin. Y/N
Alumina	20	Aluminum Oxide	Y	10mg/M3	10mg/M3	1344-28-1	N
Iron Oxide	.05	Iron Oxide	Y	10mg/M3	5mg/M3	1309-37-1	N
Silicon Dioxide	4	Silicon Oxide	N	6mg/M3	NAIF	7631-86-9	N
Sodium Hexafluoro	7	Cryolite	Y	NAIF	2.5mg/M3	15096-53-3	N
Prepreg Fiber	5	Fiberglass	Y	NAIF	10mg/M3	NAIF	N
Silicon Carbide	80	Silicon Carbide	N	10mg/M3	10mg/M3	409-21-2	N

**Section III — Physical/Chemical Characteristics**

<u>Boiling Point</u>	760 mm Hg N/A (solid)	<u>Specific Gravity (H<sub>2</sub>O = 1)</u>	@ 20° C N/A
<u>Vapor Pressure (mm Hg.)</u>	@ 20° C 0	<u>Melting Point</u>	NAIF
<u>Vapor Density (AIR = 1)</u>	0	<u>Evaporation Rate</u> (Butyl Acetate = 1)	None (solid)
<u>Solubility in Water % by Weight</u> <1%	<u>Appearance and Odor:</u> Dark brown to black colored disks, no appreciable odor.		

**Section IV — Fire and Explosion Hazard Data**

<u>Flash Point:</u> Not Flammable	<u>Flammable Limits:</u> N/A	<u>LEL</u> N/A	<u>UEL</u> N/A
<u>Extinguishing Media:</u> Water spray or carbon dioxide			
<u>Special Fire Fighting Procedures:</u> Firefighters should wear SCBA's to avoid inhalation of smoke or vapors.			
<u>Unusual Fire and Explosion Hazards:</u> None			

(Reproduce locally)

OSHA 174, Sept. 1985

**Section V — Reactivity Data**

Stability	Unstable		<u>Conditions to Avoid:</u> None
	Stable	X	
<u>Incompatibility (Materials to Avoid):</u> None			
<u>Hazardous Decomposition or Byproducts:</u> Abrasive disk utilization creates dust, decomposition odors and workplace material removal.			
Hazardous Polymerization	May Occur		<u>Conditions to Avoid:</u> None
	Will Not Occur	X	

**Section VI — Health Hazard Data**

<u>Health Hazards (Acute and Chronic)</u>			
<u>Acute Affects of Exposure:</u> Skin Irritation (rash), Respiratory tract irritation, G.I. disturbances, nausea, vomiting			
<u>Chronic Affects of Exposure:</u> Chronic high level exposures to silica dust can cause pulmonary fibrosis. Iron exposure can cause metal fever in high level exposures.			
<u>Ingestion:</u> Gastrointestinal disturbances	<u>Inhalation (breathing):</u> Metallic dust inhalation causes coughing, irritation of the nose, throat and mucous membranes.	<u>Skin (contact and absorption):</u> Phenolic resins can cause skin irritation/rash.	<u>Eye (contact):</u> Metal fragments will cause eye damage.
<u>Emergency and First Aid Procedures</u>			
<u>Eye (contact):</u> Flush eyes with clean water for 15 minutes. Do not wear contact lenses			
<u>Skin (contact):</u> Wash arms, face, legs or affected area with soap and water.			
<u>Ingestion (swallowing):</u> Obtain medical assistance			
<u>Inhalation (breathing):</u> Obtain medical assistance. Respirator required.			
<u>Other Health Hazards:</u> Cuts, abrasions, puncture wounds from unsafe product utilization.			

**Section VII — Precautions for Safe Handling and Use. Comply with ANSI B7.1**

<b>Steps to Be Taken in Case Material is Released or Spilled:</b>
Solid abrasive disks pose no spill/leak hazards. Use normal clean up/sweeping procedures. Keep dust metal residue off skin.
<b>Waste Disposal Method:</b>
Sanitary landfill or in accordance with local and state regulations.
<b>Precautions to Be taken in Handling and Storing:</b>
Handle carefully. If grinding/cut off wheels are dropped or damaged, serious bodily injury can result from product breakup and separation.
<b>Other Precautions:</b>
Abrasive grinding/cut off wheels shall not be stored subject to water or solvent contact, or freezing conditions.

**Section VIII — Control Measures. Comply with ANSI B7.1**

Respiratory Protection ( <i>Specify Type</i> ): MSHA/NIOSH approved respirators recommended or face dust masks.		
Ventilation	Local Exhaust: Preferable	Special: N/A
	Mechanical ( <i>General</i> ): Acceptable	Other: Ventilation meeting ACGIH standards
Protective Gloves: Leather Gloves Preferred		Eye Protection: Safety Glasses and Face Shield Recommended
Other Protective Clothing or Equipment: Comply with ANSI B7.1 safety issues. An eye bath/safety shower must be available.		

\* U.S.G.P.O.: 1986 - 491 - 529/45775

**ATTENTION:**

**Material Safety Data Sheet document(s) enclosed.**

**Please retain all MSDS documents for your records.**

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