

MATERIAL SAFETY DATA SHEET

No: **SC-1**
Updated: 11/1/08

SECTION I - NAME AND PRODUCT

COMPANY IDENTITY:

Tesco Products
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PRODUCT: Silicon carbide resin bond grinding and shaping wheels.

SECTION II - COMPOSITION

MATERIAL COMPOSITION RANGE

Silicon carbide grains	60-80%
Liquid phenolic resins (V8121)	0-6%
Powdered phenolic resins (V1930)	0-20%
Powdered phenolic resins (V1364)	0-20%
Powdered phenolic resins (V3034)	0-20%
Powdered phenolic resins (V1984)	0-20%
Calcium sulphate filler (CS1320)	2-15%
C24 grinding wheel oil – 33cc per 1000 grams powdered resin	
Reinforcement – Resin coated fiberglass fabric	
Metal inserts and adapters – Various	

SECTION III - PHYSICAL AND CHEMICAL DATA

The finished product is a non-reactive solid with a specific gravity ranging between 2 to 4. It has a slight solubility in water. Fire hazard is minimal.

SECTION IV - STORAGE, HANDLING, AND USE PROCEDURES

NORMAL STORAGE AND HANDLING

See the current issue of ANSI B7.1

NORMAL USE:

Use with adequate air ventilation
The user should wear a dusk mask if grinding for more than brief intervals.
Wear full eye protection
Hearing protection is recommended when using this product - See OSHA 29CFR1910.215
Use gloves when using this product.

SPECIAL PRECAUTIONS:

Normal use of this product will generate dust particles of abrasive grain, and the material being ground or cut. Decomposed resin fumes may also be generated. Use this product with proper breathing protective equipment and ventilation.
All grinding should be operated within the maximum listed RPM on each product.
Always use a tool guard that is properly installed and good working order.