

# DREMEL®

July 11, 1991

## Power Tools For The Craftsman

Cascade Wholesale  
P.O. Box 6449  
Aloha, OR 97007-0449

Attn: Jenny Johnson

Subject: MATERIAL SAFETY DATA SHEET

Reference: Dremel Cut-Off Wheels Cat. No. 409 & 420,  
425 Polishing Wheel and 427 Polishing Point

Gentlemen:

This is in response to your request for MATERIAL SAFETY DATA SHEET for the referenced product(s). Dremel purchases these products from the Wm. R. Hall Company of Lindenwold, NJ.

The MATERIAL SAFETY DATA SHEET has been completed by the Hall Company and is to be considered accurate. A copy is attached for your records.

If additional data or information is required, please contact us.

Sincerely,



Steve Wolfcale  
Approvals Engineer

U.S. DEPARTMENT OF LABOR  
Occupational Safety and Health AdministrationForm Approved  
OMB No. 44-R1387

## MATERIAL SAFETY DATA SHEET

## SECTION I

MANUFACTURER'S NAME

Wm. R. Hall Co.

EMERGENCY TELEPHONE NO.

609-784-6700

ADDRESS (Number, Street, City, State, and ZIP Code)

901 Gibbsboro Rd., Lindenwold, N.J. 08021

CHEMICAL NAME AND SYNONYMS

Rubber bonded abrasive wheels

TRADE NAME AND SYNONYMS

CHEMICAL FAMILY

FORMULA

## SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS	None	
OTHERS	None				
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
None					

## SECTION III - PHYSICAL DATA

MELTING POINT (°C)	N.A.	SPECIFIC GRAVITY (H <sub>2</sub> O=1)	N.A.
VAPOR PRESSURE (mm Hg.)		PERCENT VOLATILE BY VOLUME (%)	
VAPOR DENSITY (AIR=1)		EVAPORATION RATE (_____ =1)	
SOLUBILITY IN WATER		pH (aqueous solution)	
APPEARANCE AND ODOR			

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	FLAMMABLE LIMITS	LeI	UeI
EXTINGUISHING MEDIA			
SPECIAL FIRE FIGHTING PROCEDURES			
UNUSUAL FIRE AND EXPLOSION HAZARDS	None		

### SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

Wheel swarf is a nuisance dust. No TLV established.

EFFECTS OF OVEREXPOSURE

EMERGENCY AND FIRST AID PROCEDURES

### SECTION VI - REACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

STABLE

X

INCOMPATIBILITY (Materials to avoid)

HAZARDOUS DECOMPOSITION PRODUCTS

HAZARDOUS  
POLYMERIZATION

MAY OCCUR

CONDITIONS TO AVOID

WILL NOT OCCUR

X

### SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

N.A.

WASTE DISPOSAL METHOD

### SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

Wheel operation should be conducted in a ventilated area. To avoid inhalation of dust generated by grinding, an appropriate dust mask should be worn.

PROTECTIVE GLOVES

EYE PROTECTION

Goggles with side shields.

OTHER PROTECTIVE EQUIPMENT

If appropriate, wheel guards, dust collectors,

### SECTION IX - SPECIAL PRECAUTIONS

Recommendations concerning wheel speeds, flanges, storage and other factors affecting operational safety should be followed pursuant to A.N.S.I. B7.1.