

SAFETY GUIDE

TYPE 27

The following information should be used only as a guide.

For complete and detailed safety information see:
ANSI B7.1 SAFETY CODE AND RELEVANT SDS SHEETS

GRINDING WHEEL SAFETY

DOs

- 1 DO CHECK all wheels for CRACKS or DAMAGE before mounting.
- 2 DO MAKE SURE THE OPERATING SPEED OF THE MACHINE DOES NOT EXCEED THE RATED WHEEL SPEED.
- 3 DO always HANDLE AND STORE wheels in a careful manner.
- 4 DO BE SURE WHEEL HOLE FITS machine arbor PROPERLY and the flanges are clean, flat and the proper type and size for the wheel you are mounting.
- 5 DO always RUN WHEEL in a PROTECTED AREA at least one minute before grinding.
- 6 DO USE WHEEL GUARD furnished with machine.
- 7 DO ALWAYS WEAR PROTECTIVE SAFETY GLASSES or proper face shield.
- 8 DO USE COMMON SENSE SAFETY PRACTICES and adhere to all local and federal laws and regulations.

DON'Ts

- 1 DON'T USE wheels WHICH HAVE BEEN DROPPED or otherwise damaged.
- 2 DON'T USE EXCESSIVE PRESSURE WHEN MOUNTING wheel between flanges. Tighten nut only enough to hold wheel firmly.
- 3 DON'T use a grinding wheel that has a RATED SPEED LESS than the speed of the grinder.
- 4 DON'T HANDLE MACHINE CARELESSLY. Racks or hooks should be used to support machine when not in use.
- 5 DON'T USE HEAVY SIDE GRINDING PRESSURE on any on any Type 1 (flat sided) wheel.
- 6 DON'T MOUNT MORE THAN ONE WHEEL on a single arbor.
- 7 DON'T USE A MACHINE FOR AN INAPPROPRIATE APPLICATION.
- 8 DON'T USE A MACHINE WITHOUT PROPER SAFETY GUARD MOUNTED SECURELY IN PLACE.

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IMPORTANCE OF PROPER MACHINE MAINTENANCE


Since the more common causes of wheel breakage has been traced to improper mounting, improper speeds, abusive operation or careless handling of the grinder, proper and regular maintenance service and inspection procedures are of great importance in preventing wheel breakage. Regular inspection and maintenance are your responsibility. All portable type grinders should be inspected at regular intervals to insure that the mounting flanges are in good condition, of the proper size and shape, that the speed governing device is functioning properly and that no damage has occurred to the grinder or wheel as a result of abusive use or careless handling.

DUST HAZARD

Grinding generates dust. Most of the dusts generated when grinding are from the material being ground. Excessive dust inhalation may affect the breathing function. To avoid impairment, always employ dust controls and/or protective measures appropriate to the materials being ground. Refer to federal hazard communication standard 29CFR.1910.1200

The Dos and Don'ts should be used as a guide to safer portable grinding.

California Proposition 65

 WARNING: This product can expose you to chemicals including titanium dioxide, which is known to the State of California to cause cancer. For more information, go to www.P65Warnings.ca.gov

GRINDING WHEELS IMPROPERLY USED ARE DANGEROUS

Read the
Safety Data Sheets (SDS)
before using any materials.



Contact the suppliers of the workpiece materials and abrasive materials for copies of the SDS if one is not readily available.

WARNING

Exposure to **DUST** generated from workpiece and/or abrasive materials can result in lung damage and/or other physical injury.

Use dust capture or local exhaust as stated in the SDS. Wear government-approved respiratory protection and eye and skin protection.

Failure to follow this warning can result in serious lung damage and/or physical injury.

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DUST HAZARD

Grinding generates dust. Most of the dusts generated when grinding are from the material being ground. Excessive dust inhalation may affect the breathing function. To avoid impairment, always employ dust controls and/or protective measures appropriate to the materials being ground. Refer to federal hazard communication standard 29CFR.1910.1200

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