THE SAINT-GOBAIN **ABRASIVES SAFETY GUIDE**

Read it, Follow it!

Saint-Gobain Abrasives supplies at least one safety quide with each package of grinding wheels. This process is very expensive but, worth it because end user safety is our highest priority. Our customers must deliver these quides to end users for reading, posting at or near their work station and following these important safety rules. These guides educate and reinforce basic abrasive safety rules and when followed, they make most abrasive accidents disappear. They provide the end user with Mounting and Use Instructions along with known hazarded warnings.

The two basic safety guides provided to grinding wheel users are titled, "Safety Guide for Portable Grinding Wheels" and "Safety Guide for Grinding Wheel Users."

SAFETY BOOKLETS

ole Grinding Machines, Safe and Efficient

Safety Recommendations for Grinding Wheel Operation

A WARNING

Grinding generates dust.

Most of the dusts generated are from the material

Excessive dust inhilation will adversely affect the

Safety Guide for Grinding **Wheel Users**

A WARNING

Improper use may cause grinding wheel breakage and serious injury. Comply with ANSI 87.1, OSHA and Safety Guide furnished with package. Don't overspeed, abuse or drop wheel. Always use a guard, personal protective equipment and proper mounting procedures.

IMPORTANT

Deliver this folder with grinding wheel to operator. Read before mounting the wheel.

IMPORTANCE OF PROPER MACHINE MAINTENANCE

Brinding is a safe operation if the few basic rules listed below are followed. These rules are based on materix contained in the ANSI B7.1 Safety Code for "Lise, Care and Protection of Abrasive Wheels". For your safety we suggest you benefit from the experience of others and carefully follow these rules.

A WARNING

IMPROPER USE MAY CAUSE BREAKAGE AND SERIOUS INJURY

- IMPRUPER USE MAT GAUGE DISCARDER AND SCRIDOG INJUST.

 DI DI ALMYS HANDE AND STORE WHEELS IN A CARFFUL IMPROVED AND STORE HAT SEEM BROPPED OF BECOME diamaged.

 2. DO VISUALLY MISPECT all wheels before mounting no possible damage and single sets withful wheels.

 ON THE FIRST AND STREAM OF THE MACHINE OF THE PROVINCE AND STREAM OF THE PROVINCE AND STREAM
- for possible damage after no generating speed work fit the machine, get one that we won't fit the machine, get one that we won't fit the machine, get one that we catablished maximum safe operating speed SPEED metablished for the wheel.
- catalization automoticate optiming spening committed on the wheel

 4. DO CHECK MOUNTING FLANGES for equal and corried diameter.

 AND FREE OF BURNS.

 AND FREE OF BURNS.
- DO USE MOUNTING BLOTTERS when supplied with wheels.

 DO BE SURE WORK REST to properly adjusted.

 Course of wheel or above: no more than 1/6" away.

 Course of wheel or above: no more than 1/6" away.
- 7. DO ALWAYS USE A SAFETY GUARD covering at
- 8. DO ALLOW NEWLY MOUNTED WHEELS to run

- 10. DO TURN OFF CODLANT before stopping wheel to gvold creating an out-of-balance condition.

7. DON'T START THE MACHINE UNTIL THE WHEELGUARD IS IN PLACE.

DON'T JAM work into the wheel
 DON'T STAND DIRECTLY IN FRONT of a grinding

DO ALWAYS WEAR PROTECTIVE SAFETY
 GLASSES and additional eye & face protection if
 noticeably or work gets hot.

POST THIS GUIDE NEAR YOUR GRINDING MACHINE

nunting Techniques for Wheel Sleeves on Cylindrical nding Machines th-Speed Heavy-Duty Grinding Machines-Swing mes and Floor Stands

- Operation

 Handling, Storage and Inspection of Grinding Wheels

 Special Speeds for Grinding Wheels

 Cutting-Off Whoels

 Mounted Wheels and Points, Safe Speeds

 AMSI B7.1 Code for the Use, Care and Protection of
- Abrasive Wheels Safety Recommendations for Grinding Wheel Operati

A WARNING

eing ground. xxessive dust inhilation will adversely affect the realting function. o avoid breathing impairment always use dust controls nd protective measures appropriate to the material

SEE FEDERAL HAZARD COMMUNICATION STANDARD 29CFR. 1910, 1200.

Safety Guide for Portable Grinding Wheels

as the "do's and don'ts" of grinding wheel safety. English versions shown.

They are written in three languages (English, French and Spanish) and are often referred to

A WARNING

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IMPORTANT

Deliver this folder with grinding wheel to operator. Read before mounting the wheel

IMPORTANCE OF PROPER MACHINE MAINTENANCE

A WARNING

IMPROPER USE MAY CAUSE BREAKAGE AND SERIOUS INJURY

- 1. DO CHECK ALL WHEELS FOR CRACKS OR OTHER
 DAMACE Integration requestion.
 1. DON'T USE WHEELS WHICH HAVE BEEN DRAPPED or otherwise diamond.
- 3. DO USE MOUNTING BLOTTERS when supplied
- 4. DO BE SURE WHEEL HOLE, THREADED OR UNTEREADED, FITS MACHINE ARBOR PROPERLY 4. DON'T USE HEAVY SIDE GRINDING PRESSURE
- at least one minute before grinding.

 6. DO USE WHEEL GUARD furnished with machine.

 7. DO ALWAYS WEAR PROTECTIVE SAFETY
 GLASSES and additional eye & face protection if
- 8. DO EMPLOY DUST CONTROLS AND/OR
 PROTECTIVE MEASURES appropriate to the
- DAMAGE before mounting.

 2. DO CHECK MACHINE SPEED against the established maximum safe operating speed marked on wheel.

 ARTED SPEED LSS than the speed of the grin 3. DON'T USE EXCESSIVE PRESSURE WHEN MOUNTING wheel between flanges. Tighten nut
 - 5. DON'T HANDLE MACHINE CARELESSLY. Stop
 - ished with machine.
 6. DON'T USE RELIEVED OR RECESSED FLANGES
 WITH THREADED HOLE CUP WHEELS, cones or
 - 7. DON'T MOUNT MORE THAN ONE WHEEL ON A SINGLE ARBOR.

POST THIS NEAR YOUR MACHINE

Joe Safety says, "Following these important safety quides can help to keep you and bystanders safe!"

For additional information on this topic or if you need any other abrasive safety information, please review ANSI, OSHA and all literature provided by the abrasive wheel and machine manufacturer. You may also contact the

Saint-Gobain Product Safety Department at (508) 795-2317 or Fax (508) 795-5120 or contact your Saint-Gobain Abrasives, Inc. representative with any safety related questions.

Roger E. Cloutier

Senior Product Safety Engineer Saint-Gobain Abrasives, Inc.



PLAY IT WHEEL



