



Post this insert in the work area.  
Read and understand all information before using this product.

## SAFETY INSTRUCTIONS

### ⚠ WARNING

Always wear recommended and appropriate eye, face, ear, hand and body protection. INJURY to face and eyes can result if product fails, disc flies off or pad ruptures. SEE ANSI Z87.1 for proper safety equipment.



### ⚠ WARNING

Sparks and particles generated from normal product operation can cause fire or explosion.  
Remove flammable or explosive materials from work area.  
Do not grind in flammable or explosive environments.  
Do not grind flammable or explosive materials.



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



Contact the suppliers of the workpiece materials and abrasive materials for copies of the MSDS 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 MSDS. 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.

- PROVIDE appropriate local exhaust. If exhaust ventilation is not adequate, wear approved dust protection to prevent inhalation of dust particles.

### ⚠ WARNING

- CHECK the maximum operating speed (MOS) of the product and the tool. NEVER EXCEED the slower MOS. PRODUCT CAN BREAK APART AND CAUSE SERIOUS INJURY IF OPERATED ABOVE MOS.
- Inspect backup pads prior to use and replace if damaged or worn (cracks, nicks, or wear). Damaged product can break apart during use and cause serious injury.
- Ensure the shaft of the backup pad is fully seated in the tool. Failure to properly engage the shaft could result in disengagement of the pad during operation, causing bodily injury or property damage.

### ⚠ CAUTION

- Inspect backup pads prior to use to ensure it is properly mounted. Stop usage immediately if vibration or wobbling occurs.
- Do not jam backup pad into workpiece.
- DO NOT free spin tool. Start tool just before engaging work piece. Stop tool as it is being removed from work piece.
- STORE abrasive products in cool, dry place for best performance and safety. Avoid extended exposure to direct sunlight
- Use only with 3M-recommended systems, under approved applications and conditions.
- ALWAYS clean mating surfaces prior to using pressure sensitive adhesive (PSA) attachment systems (i.e., Stikit™).
- REFER to tool manufacturer's recommendations for proper use of tools.  
Use manufacturer's mounting hardware if supplied with tool.
- Use manufacturer's recommendations for use of tool guards.
- Follow tool manufacturer's recommendations for correct flanges and/or adaptors.
- SPEED ratings for accessories in a free spin mode are stated in revolutions per minute (rpm) and use the symbol:
- SPEED ratings for accessories in a random orbital mode are stated in orbits per minute (opm) and use the symbol:



Max rpm  
tr/min



Max  
opm