

ITEM: 4CE32 - ROLL UTILITY 120 GRIT

MSDS: A7069

ORDER: 0206378387

DROP LOCATION: P1-53

MATERIAL SAFETY DATA SHEET (MSDS)

This MSDS should be attached or kept with the respective product with which it is associated.

SAFETY DATA SHEET - A7069

Associated Grainger Items  
 4CB97, 4CB98, 4CB99, 4CE10, 4CE11, 4CE12, 4CE13, 4CE14, 4CE15, 4CE16, 4CE17  
 4CE18, 4CE19, 4CE20, 4CE21, 4CE22, 4CE23, 4CE24, 4CE25, 4CE26, 4CE27, 4CE28  
 4CE29, 4CE30, 4CE31, 4CE32, 4CE33, 4CE34, 4CE35, 4CE36, 4CE37, 4CE38, 4CE39  
 4CE40, 4CE41, 4CE42, 4CE43, 4CE44, 4CE45, 4CE46, 4CE47, 4CE48

3M  
 3M MATERIAL SAFETY DATA SHEET  
 3M(TM) ABRASIVE PRODUCT, 304D; 303D  
 01/11/2005

MATERIAL SAFETY DATA SHEET

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SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: 3M(TM) ABRASIVE PRODUCT, 304D; 303D  
 MANUFACTURER: 3M  
 DIVISION: COATED ABRASIVES DIVISION  
 ADDRESS:  
 3M CENTER  
 ST. PAUL, MN 55144-1000  
 EMERGENCY PHONE: 1-800-364-3577 OR (651) 737-6501 (24 HOURS)  
 ISSUE DATE: 01/11/2005  
 SUPERCEDES DATE: 08/23/2004  
 DOCUMENT GROUP: 18-8551-6  
 PRODUCT USE:  
 SPECIFIC USE: ABRASIVE PRODUCT

SECTION 2: INGREDIENTS

INGREDIENT	C.A.S. NO.	% BY WT
ALUMINUM OXIDE MINERAL	1344-28-1	10-50
CLOTH BACKING	NONE	10-50
CURED ADHESIVE	NONE	10-30
FILLER	MIXTURE	1-20
INORGANIC FLUORIDE	15096-52-3	1-10

SECTION 3: HAZARDS IDENTIFICATION

3.1 EMERGENCY OVERVIEW:  
 ODOR, COLOR, GRADE: ABRASIVE PRODUCT  
 GENERAL PHYSICAL FORM: SOLID  
 IMMEDIATE HEALTH, PHYSICAL, AND ENVIRONMENTAL HAZARDS:  
 THIS DOCUMENT COVERS ONLY THE 3M PRODUCT. FOR COMPLETE ASSESSMENT, WHEN  
 DETERMINING THE DEGREE OF HAZARD, THE MATERIAL BEING ABRADED MUST ALSO BE  
 CONSIDERED.

3.2 POTENTIAL HEALTH EFFECTS:

EYE CONTACT:  
 MECHANICAL EYE IRRITATION:  
 SIGNS/SYMPTOMS MAY INCLUDE PAIN, REDNESS, TEARING AND CORNEAL ABRASION.

SKIN CONTACT:  
 MECHANICAL SKIN IRRITATION:  
 SIGNS/SYMPTOMS MAY INCLUDE ABRASION, REDNESS, PAIN, AND ITCHING.

INHALATION:  
 IRT FROM CUTTING, GRINDING, SANDING OR MACHINING MAY CAUSE IRRITATION OF  
 HE RESPIRATORY SYSTEM. SIGNS/SYMPTOMS MAY INCLUDE COUGH, SNEEZING, NASAL  
 DISCHARGE, HEADACHE, HOARSENESS, AND NOSE AND THROAT PAIN.

PROLONGED OR REPEATED EXPOSURE MAY CAUSE:  
 PNEUMOCONIOSIS:  
 SIGNS/SYMPTOMS MAY INCLUDE PERSISTENT COUGH, BREATHLESSNESS, CHEST PAIN,  
 INCREASED AMOUNTS OF SPUTUM, AND CHANGES IN LUNG FUNCTION TESTS.

INGESTION:  
 PHYSICAL BLOCKAGE:  
 SIGNS/SYMPTOMS MAY INCLUDE CRAMPING, ABDOMINAL PAIN, AND CONSTIPATION.

IF ABSORBED FOLLOWING INGESTION AND CAUSE TARGET ORGAN EFFECTS.

TARGET ORGAN EFFECTS:  
 PROLONGED OR REPEATED EXPOSURE MAY CAUSE:  
 HARD TISSUE EFFECTS:  
 SIGNS/SYMPTOMS MAY INCLUDE COLOR CHANGES IN THE TEETH AND NAILS, CHANGES IN  
 DEVELOPMENT OF BONE, TEETH OR NAILS, WEAKENING OF THE BONES, AND HAIR LOSS.

SECTION 4: FIRST AID MEASURES

4.1 FIRST AID PROCEDURES:  
 THE FOLLOWING FIRST AID RECOMMENDATIONS ARE BASED ON AN ASSUMPTION THAT  
 APPROPRIATE PERSONAL AND INDUSTRIAL HYGIENE PRACTICES ARE FOLLOWED.

EYE CONTACT:  
 FLUSH EYES WITH LARGE AMOUNTS OF WATER. IF SIGNS/SYMPTOMS PERSIST, GET  
 MEDICAL ATTENTION.

SKIN CONTACT:  
 WASH AFFECTED AREA WITH SOAP AND WATER. IF SIGNS/SYMPTOMS DEVELOP, GET  
 MEDICAL ATTENTION.

INHALATION:  
 REMOVE PERSON TO FRESH AIR. IF SIGNS/SYMPTOMS DEVELOP, GET MEDICAL  
 ATTENTION.

IF SWALLOWED:  
 DO NOT INDUCE VOMITING UNLESS INSTRUCTED TO DO SO BY MEDICAL PERSONNEL.  
 GIVE VICTIM TWO GLASSES OF WATER. NEVER GIVE ANYTHING BY MOUTH TO AN  
 UNCONSCIOUS PERSON. GET MEDICAL ATTENTION.

SECTION 5: FIRE FIGHTING MEASURES

5.1 FLAMMABLE PROPERTIES:

AUTOIGNITION TEMPERATURE: NOT APPLICABLE

FLASH POINT: NOT APPLICABLE

FLAMMABLE LIMITS - LEL: NOT APPLICABLE  
 FLAMMABLE LIMITS - UEL: NOT APPLICABLE

5.2 EXTINGUISHING MEDIA:

ORDINARY COMBUSTIBLE MATERIAL. USE FIRE EXTINGUISHERS WITH CLASS A  
 EXTINGUISHING AGENTS (E.G., WATER, FOAM).

5.3 PROTECTION OF FIRE FIGHTERS:

SPECIAL FIRE FIGHTING PROCEDURES:  
 WEAR FULL PROTECTIVE EQUIPMENT (BUNKER GEAR) AND A SELF-CONTAINED BREATHING  
 APPARATUS (SCBA).

UNUSUAL FIRE AND EXPLOSION HAZARDS:  
 NOT APPLICABLE. NONE INHERENT IN THIS PRODUCT.

NOTE:  
 SEE STABILITY AND REACTIVITY (SECTION 10) FOR HAZARDOUS COMBUSTION AND  
 THERMAL DECOMPOSITION INFORMATION.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: NOT APPLICABLE.

IN THE EVENT OF A RELEASE OF THIS MATERIAL, THE USER SHOULD DETERMINE IF  
 THE RELEASE QUALIFIES AS REPORTABLE ACCORDING TO LOCAL, STATE, AND FEDERAL  
 REGULATIONS.

SECTION 7: HANDLING AND STORAGE

7.1 HANDLING:

AVOID BREATHING OF DUST CREATED BY CUTTING, SANDING, GRINDING OR MACHINING.  
 FOR INDUSTRIAL OR PROFESSIONAL USE ONLY. DAMAGED PRODUCT CAN BREAK APART  
 DURING USE AND CAUSE SERIOUS INJURY TO FACE OR EYES. CHECK PRODUCT FOR  
 DAMAGE SUCH AS CRACKS OR NICKS PRIOR TO USE. REPLACE IF DAMAGED. ALWAYS  
 WEAR EYE AND FACE PROTECTION WHEN WORKING AT SANDING OR GRINDING OPERATIONS  
 OR WHEN NEAR SUCH OPERATIONS. SPARKS AND PARTICLES FLYING FROM THE PRODUCT  
 DURING SANDING OR GRINDING CAN CAUSE INJURY AND FIRE.

7.2 STORAGE: STORE IN A COOL, DRY PLACE.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 ENGINEERING CONTROLS:

USE WITH APPROPRIATE LOCAL EXHAUST VENTILATION. PROVIDE APPROPRIATE LOCAL  
 EXHAUST FOR CUTTING, GRINDING, SANDING OR MACHINING. USE GENERAL DILUTION  
 VENTILATION AND/OR LOCAL EXHAUST VENTILATION TO CONTROL AIRBORNE EXPOSURES  
 TO BELOW OCCUPATIONAL EXPOSURE LIMITS AND/OR CONTROL DUST, FUME, OR  
 AIRBORNE PARTICLES. IF VENTILATION IS NOT ADEQUATE, USE RESPIRATORY  
 PROTECTION EQUIPMENT.

8.2 PERSONAL PROTECTIVE EQUIPMENT (PPE):

8.2.1 EYE/FACE PROTECTION:

AVOID EYE CONTACT. TO MINIMIZE THE RISK OF INJURY TO FACE AND EYES, ALWAYS  
 WEAR EYE AND FACE PROTECTION WHEN WORKING AT SANDING OR GRINDING OPERATIONS  
 OR WHEN NEAR SUCH OPERATIONS.

8.2.2 SKIN PROTECTION:

AVOID SKIN CONTACT. WEAR APPROPRIATE GLOVES TO MINIMIZE RISK OF INJURY TO  
 SKIN FROM CONTACT WITH DUST OR PHYSICAL ABRASION FROM GRINDING OR SANDING.

8.2.3 RESPIRATORY PROTECTION:

AVOID BREATHING OF DUST CREATED BY CUTTING, SANDING, GRINDING OR MACHINING.  
 ASSESS EXPOSURE CONCENTRATIONS OF ALL MATERIALS INVOLVED IN THE WORK  
 PROCESS. CONSIDER MATERIAL BEING ABRADED WHEN DETERMINING THE APPROPRIATE  
 RESPIRATORY PROTECTION. SELECT AND USE APPROPRIATE RESPIRATORS TO PREVENT  
 INHALATION OVEREXPOSURE.