

MSDS

ORDER NO:                    RELEASE NO:                    MSDS NO:

B A R N E S        D I S T R I B U T I O N

Synonyms: KP76679 KP76680 KP76681 KP76682 KP76685 KP76687 07524 07525 07526 07527  
07528 07529

MATERIAL SAFETY DATA SHEET

3M(TM) BRISTLE DISC, 3M(TM) RADIAL BRISTLE DISC, SCOTCH-BRITE(TM) BRISTLE  
DISC, SCOTCH-BRITE(TM) RADIAL BRISTLE DISC, SCOTCH-BRITE(TM) RADIAL BRISTLE  
BRUSH, SCOTCH-BRITE(TM) ROLOC(TM) BODY MAN'S BRISTLE DISC, ALUMINUM  
OXIDE/CUBITRON(TM) BLEND

12/17/2010

3M

MATERIAL SAFETY DATA SHEET

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-----SECTION 1: PRODUCT AND COMPANY IDENTIFICATION -----

PRODUCT NAME:

3M(TM) BRISTLE DISC, 3M(TM) RADIAL BRISTLE DISC, SCOTCH-BRITE(TM) BRISTLE  
DISC, SCOTCH-BRITE(TM) RADIAL BRISTLE DISC, SCOTCH-BRITE(TM) RADIAL BRISTLE  
BRUSH, SCOTCH-BRITE(TM) ROLOC(TM) BODY MAN'S BRISTLE DISC, ALUMINUM  
OXIDE/CUBITRON(TM) BLEND

MANUFACTURER: 3M

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DOCUMENT GROUP: 19-1098-3

PRODUCT USE:

INTENDED USE: ABRASIVE PRODUCT

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-----SECTION 2: INGREDIENTS -----

INGREDIENT	C.A.S. NO.	% BY WT
THERMOPLASTIC BINDER	UNKNOWN	35 - 80
CUBITRON(TM) MINERAL	66402-68-4	5 - 25
ALUMINUM OXIDE MINERAL	1344-28-1	5 - 25
POLYSILOXANE	UNKNOWN	1 - 20

-----SECTION 3: HAZARDS IDENTIFICATION -----

3.1 EMERGENCY OVERVIEW:

ODOR, COLOR, GRADE: ABRASIVE PRODUCT, NO ODOR.

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.

DUST CREATED BY CUTTING, GRINDING, SANDING, OR MACHINING MAY CAUSE EYE IRRITATION. SIGNS/SYMPTOMS MAY INCLUDE REDNESS, SWELLING, PAIN, TEARING, AND BLURRED OR HAZY VISION.

SKIN CONTACT:

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

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

PROLONGED OR REPEATED EXPOSURE MAY CAUSE:

PNEUMOCONIOSIS:  
SIGN/SYMPTOMS MAY INCLUDE PERSISTENT COUGH, BREATHLSSNESS, CHEST PAIN, INCREASED AMOUNTS OF SPUTUM, AND CHANGES IN LUNG FUNCTION TESTS.

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INGESTION:

PHYSICAL BLOCKAGE:

SIGNS/SYMPTOMS MAY INCLUDE CRAMPING, ABDOMINAL PAIN, AND CONSTIPATION.

-----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: MATERIAL WILL NOT BURN.

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



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8.2.4 PREVENTION OF SWALLOWING:  
WASH HANDS AFTER HANDLING AND BEFORE EATING. NOT AN EXPECTED ROUTE OF EXPOSURE.

8.3 EXPOSURE GUIDELINES:

INGREDIENT	AUTHORITY	TYPE	LIMIT	ADDITIONAL INFORMATION
ALUMINUM OXIDE MINERAL	ACGIH	TWA, PARTICULATE MATTER, <1% CRYSTALLINE SILICA	10 MG/M3	TABLE A4
ALUMINUM OXIDE MINERAL	CMRG	TWA	1 FIBER/CC	
ALUMINUM OXIDE MINERAL	OSHA	TWA, RESPIRABLE	5 MG/M3	TABLE Z-1
ALUMINUM OXIDE MINERAL	OSHA	TWA, VACATED, AS DUST	10 MG/M3	
ALUMINUM OXIDE MINERAL	OSHA	TWA, AS TOTAL DUST	15 MG/M3	TABLE Z-1

VAC VACATED PEL:  
VACATED PERMISSIBLE EXPOSURE LIMITS (PEL) ARE ENFORCED AS THE OSHA PEL IN SOME STATES. CHECK WITH YOUR LOCAL REGULATORY AGENCY.

SOURCE OF EXPOSURE LIMIT DATA:

ACGIH: AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS

CMRG: CHEMICAL MANUFACTURER RECOMMENDED GUIDELINE

OSHA: OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

AIHA:  
AMERICAN INDUSTRIAL HYGIENE ASSOCIATION WORKPLACE ENVIRONMENTAL EXPOSURE LEVEL (WEEL)

-----SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES -----

ODOR, COLOR, GRADE: ABRASIVE PRODUCT, NO ODOR.

GENERAL PHYSICAL FORM: SOLID

AUTOIGNITION TEMPERATURE: NOT APPLICABLE

FLASH POINT: NOT APPLICABLE

FLAMMABLE LIMITS - LEL: NOT APPLICABLE

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FLAMMABLE LIMITS - UEL: NOT APPLICABLE

BOILING POINT: NOT APPLICABLE

VAPOR DENSITY: NOT APPLICABLE

VAPOR PRESSURE: NOT APPLICABLE

SPECIFIC GRAVITY: NOT APPLICABLE

pH: NOT APPLICABLE

MELTING POINT: NOT APPLICABLE

SOLUBILITY IN WATER: NOT APPLICABLE

-----SECTION 10: STABILITY AND REACTIVITY -----

STABILITY: STABLE.

MATERIALS AND CONDITIONS TO AVOID: NOT APPLICABLE

HAZARDOUS POLYMERIZATION: HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:

SUBSTANCE	CONDITION
CARBON MONOXIDE	DURING COMBUSTION
CARBON DIOXIDE	DURING COMBUSTION

-----SECTION 11: TOXICOLOGICAL INFORMATION -----

PLEASE CONTACT THE ADDRESS LISTED IN THE BEGINNING OF THIS MSDS FOR TOXICOLOGICAL INFORMATION ON THIS MATERIAL AND/OR ITS COMPONENTS.

-----SECTION 12: ECOLOGICAL INFORMATION -----

ECOTOXICOLOGICAL INFORMATION: NOT DETERMINED.

CHEMICAL FATE INFORMATION: NOT DETERMINED.

-----SECTION 13: DISPOSAL CONSIDERATIONS -----

WASTE DISPOSAL METHOD:  
THE SUBSTRATE THAT WAS ABRADED MUST BE CONSIDERED AS A FACTOR IN THE DISPOSAL METHOD FOR THIS PRODUCT. DISPOSE OF WASTE PRODUCT IN A SANITARY LANDFILL. AS A DISPOSAL ALTERNATIVE, INCINERATE IN AN INDUSTRIAL OR

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COMMERCIAL FACILITY.

SINCE REGULATIONS VARY, CONSULT APPLICABLE REGULATIONS OR AUTHORITIES BEFORE DISPOSAL.

-----SECTION 14: TRANSPORT INFORMATION -----

NOT REGULATED PER U.S. DOT, IATA OR IMO.

THESE TRANSPORTATION CLASSIFICATIONS ARE PROVIDED AS A CUSTOMER SERVICE. AS THE SHIPPER YOU REMAIN RESPONSIBLE FOR COMPLYING WITH ALL APPLICABLE LAWS AND REGULATIONS, INCLUDING PROPER TRANSPORTATION CLASSIFICATION AND PACKAGING. 3M'S TRANSPORTATION CLASSIFICATIONS ARE BASED ON PRODUCT FORMULATION, PACKAGING, 3M POLICIES AND 3M'S UNDERSTANDING OF APPLICABLE CURRENT REGULATIONS. 3M DOES NOT GUARANTEE THE ACCURACY OF THIS CLASSIFICATION INFORMATION. THIS INFORMATION APPLIES ONLY TO TRANSPORTATION CLASSIFICATION AND NOT THE PACKAGING, LABELING, OR MARKING REQUIREMENTS. THE ORIGINAL 3M PACKAGE IS CERTIFIED FOR U.S. GROUND SHIPMENT ONLY. IF YOU ARE SHIPPING BY AIR OR OCEAN, THE PACKAGE MAY NOT MEET APPLICABLE REGULATORY REQUIREMENTS.

-----SECTION 15: REGULATORY INFORMATION -----

US FEDERAL REGULATIONS: CONTACT 3M FOR MORE INFORMATION.

311/312 HAZARD CATEGORIES:

FIRE HAZARD: NO  
PRESSURE HAZARD: NO  
REACTIVITY HAZARD: NO  
IMMEDIATE HAZARD: YES  
DELAYED HAZARD: YES

STATE REGULATIONS: CONTACT 3M FOR MORE INFORMATION.

CHEMICAL INVENTORIES:

THIS PRODUCT IS AN ARTICLE AS DEFINED BY TSCA REGULATIONS, AND IS EXEMPT FROM TSCA INVENTORY LISTING REQUIREMENTS.

CONTACT 3M FOR MORE INFORMATION.

INTERNATIONAL REGULATIONS: CONTACT 3M FOR MORE INFORMATION.

THIS MSDS HAS BEEN PREPARED TO MEET THE U.S. OSHA HAZARD COMMUNICATION STANDARD, 29 CFR 1910.1200.

-----SECTION 16: OTHER INFORMATION -----

NFPA HAZARD CLASSIFICATION:

HEALTH                    1  
FLAMMABILITY            0

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REACTIVITY            0  
SPECIAL HAZARDS NONE

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) HAZARD RATINGS ARE DESIGNED FOR USE BY EMERGENCY RESPONSE PERSONNEL TO ADDRESS THE HAZARDS THAT ARE PRESENTED BY SHORT-TERM, ACUTE EXPOSURE TO A MATERIAL UNDER CONDITIONS OF FIRE, SPILL, OR SIMILAR EMERGENCIES. HAZARD RATINGS ARE PRIMARILY BASED ON THE INHERENT PHYSICAL AND TOXIC PROPERTIES OF THE MATERIAL BUT ALSO INCLUDE THE TOXIC PROPERTIES OF COMBUSTION OR DECOMPOSITION PRODUCTS THAT ARE KNOWN TO BE GENERATED IN SIGNIFICANT QUANTITIES.

REVISION CHANGES:

SECTION 14: TRANSPORTATION LEGAL TEXT WAS MODIFIED.  
SECTION 14: TRANSPORTATION PHRASE WAS ADDED.  
SECTION 2: INGREDIENT TABLE WAS ADDED.  
SECTION 8: EXPOSURE GUIDELINES INGREDIENT INFORMATION WAS ADDED.  
SECTION 8: EXPOSURE GUIDELINES LEGEND WAS ADDED.  
SECTION 8: EXPOSURE GUIDELINES DATA SOURCE LEGEND WAS ADDED.

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