

ITEM: 3FU83 - Respirator Pk10

PICK REQ: 1086465516

MATERIAL SAFETY DATA SHEET (MSDS)

MSDS: A6995

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

MATERIAL SAFETY DATA SHEET - A6995

Associated Grainger Item: 3FU83 - Respirator Pk10

3M

3M MATERIAL SAFETY DATA SHEET

8211 N95 PARTICULATE RESPIRATOR

02/03/2003

MATERIAL SAFETY DATA SHEET

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SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: 8211 N95 PARTICULATE RESPIRATOR

MANUFACTURER: 3M

DIVISION: OCCUPATIONAL HEALTH & ENVIRON. SAFETY

ADDRESS:
3M CENTER
ST. PAUL, MN 55144-1000

EMERGENCY PHONE: 1-800-364-3577 OR (651) 737-6501 (24 HOURS)

ISSUE DATE: 02/03/2003

SUPPCEDES DATE: 05/10/2002

DISTRIBUTOR GROUP: 17-9821-4

PRODUCT USE:
INTENDED USE: RESPIRATORY PROTECTION

SECTION 2: INGREDIENTS

INGREDIENT	C.A.S. NO.	% BY WT
POLYPROPYLENE	9003-07-0	34-58
POLYESTER	UNKNOWN	14-24
POLYVINYL CHLORIDE	UNKNOWN	12-21
POLYISOPRENE	9003-31-0	5-10
ALUMINUM	7429-90-5	4-8
ACRYLIC POLYMER	UNKNOWN	2-4
STEEL, CADMIUM FREE	UNKNOWN	1-3

SECTION 3: HAZARDS IDENTIFICATION

3.1 EMERGENCY OVERVIEW:

ODOR, COLOR, GRADE:
NON-WOVEN MATERIAL, WHITE, NON-WOVEN RESPIRATOR SHELL WITH ALUMINUM NOSECLIP, YELLOW HEADBANDS, MOLDED PLASTIC VALVE AND FACE FOAM SEAL. NO ODOR.

GENERAL PHYSICAL FORM: SOLID

IMMEDIATE HEALTH, PHYSICAL, AND ENVIRONMENTAL HAZARDS:
THIS PRODUCT, WHEN USED UNDER REASONABLE CONDITIONS AND IN ACCORDANCE WITH THE 3M DIRECTIONS FOR USE, SHOULD NOT PRESENT A HEALTH HAZARD. HOWEVER, USE OR PROCESSING OF THE PRODUCT IN A MANNER NOT IN ACCORDANCE WITH THE PRODUCT'S DIRECTIONS FOR USE MAY AFFECT THE PERFORMANCE OF THE PRODUCT AND MAY PRESENT POTENTIAL HEALTH AND SAFETY HAZARDS. CONTAINS A CHEMICAL OR CHEMICALS WHICH CAN CAUSE CANCER.

3.2 POTENTIAL HEALTH EFFECTS:

EYE CONTACT: NO HEALTH EFFECTS ARE EXPECTED.

SKIN CONTACT: NO HEALTH EFFECTS ARE EXPECTED.

INHALATION: NO HEALTH EFFECTS ARE EXPECTED.

INGESTION: NO HEALTH EFFECTS ARE EXPECTED.

3.3 POTENTIAL ENVIRONMENTAL EFFECTS: NOT DETERMINED.

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: NO NEED FOR FIRST AID IS ANTICIPATED.

SKIN CONTACT: NO NEED FOR FIRST AID IS ANTICIPATED.

INHALATION: NO NEED FOR FIRST AID IS ANTICIPATED.

IF SWALLOWED: NO NEED FOR FIRST AID IS ANTICIPATED.

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:

USE FIRE EXTINGUISHERS WITH CLASS B EXTINGUISHING AGENTS (E.G., DRY CHEMICAL, CARBON DIOXIDE).

5.3 PROTECTION OF FIRE FIGHTERS:

SPECIAL FIRE FIGHTING PROCEDURES:

WEAR FULL PROTECTIVE CLOTHING, INCLUDING HELMET, SELF-CONTAINED, POSITIVE PRESSURE OR PRESSURE DEMAND BREATHING APPARATUS, BUNKER COAT AND PANTS, BANDS AROUND ARMS, WAIST AND LEGS, FACE MASK, AND PROTECTIVE COVERING FOR EXPOSED AREAS OF THE HEAD.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

NO UNUSUAL FIRE OR EXPLOSION HAZARDS ARE ANTICIPATED.

NOTE:

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

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: NOT APPLICABLE.

SECTION 7: HANDLING AND STORAGE

7.1 HANDLING:

THIS PRODUCT IS CONSIDERED TO BE AN ARTICLE WHICH DOES NOT RELEASE OR OTHERWISE RESULT IN EXPOSURE TO A HAZARDOUS CHEMICAL UNDER NORMAL USE CONDITIONS.

7.2 STORAGE: NOT APPLICABLE.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 ENGINEERING CONTROLS: NOT APPLICABLE.

8.2 PERSONAL PROTECTIVE EQUIPMENT (PPE):

8.2.1 EYE/FACE PROTECTION: NOT APPLICABLE.

8.2.2 SKIN PROTECTION: NOT APPLICABLE.

8.2.3 RESPIRATORY PROTECTION: NOT APPLICABLE.

8.2.4 PREVENTION OF SWALLOWING: NOT AN EXPECTED ROUTE OF EXPOSURE.

8.3 EXPOSURE GUIDELINES: NONE ESTABLISHED

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

ODOR, COLOR, GRADE:

NON-WOVEN MATERIAL, WHITE, NON-WOVEN RESPIRATOR SHELL WITH ALUMINUM NOSECLIP, YELLOW HEADBANDS, MOLDED PLASTIC VALVE AND FACE FOAM SEAL. NO ODOR.

GENERAL PHYSICAL FORM: SOLID

AUTOIGNITION TEMPERATURE: NOT APPLICABLE

FLASH POINT: NOT APPLICABLE

FLAMMABLE LIMITS - LEL: NOT APPLICABLE

FLAMMABLE LIMITS - UEL: NOT APPLICABLE

BOILING POINT: NOT APPLICABLE

DENSITY: NOT APPLICABLE

VAPOR DENSITY: NOT APPLICABLE

VAPOR PRESSURE: NOT APPLICABLE

SPECIFIC GRAVITY: NOT APPLICABLE

pH: NOT APPLICABLE

MELTING POINT: NOT APPLICABLE

SOLUBILITY IN WATER: NIL

EVAPORATION RATE: NOT APPLICABLE

PERCENT VOLATILE: NOT APPLICABLE

VISCOSITY: NOT APPLICABLE

SECTION 10: STABILITY AND REACTIVITY

STABILITY: STABLE.

MATERIALS AND CONDITIONS TO AVOID: NONE KNOWN

FOUS POLYMERIZATION: HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:

SUBSTANCE	CONDITION
ALDEHYDES	NOT SPECIFIED
HYDROCARBONS	NOT SPECIFIED
METHANE	NOT SPECIFIED
CARBON MONOXIDE	NOT SPECIFIED
CARBON DIOXIDE	NOT SPECIFIED
KETONES	NOT SPECIFIED
TOXIC VAPOR, GAS, PARTICULATE	NOT SPECIFIED

HAZARDOUS DECOMPOSITION:
UNDER RECOMMENDED USAGE CONDITIONS, HAZARDOUS DECOMPOSITION PRODUCTS ARE NOT EXPECTED. HAZARDOUS DECOMPOSITION PRODUCTS MAY OCCUR AS A RESULT OF OXIDATION, HEATING, OR REACTION WITH ANOTHER MATERIAL.

SECTION 11: TOXICOLOGICAL INFORMATION

PLEASE CONTACT THE ADDRESS LISTED IN SECTION 1 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:
RECLAIM IF FEASIBLE. DISPOSE OF USED RESPIRATOR CONSISTENT WITH THE SUBSTANCE FOR WHICH THE RESPIRATOR WAS USED.

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

SECTION 14: TRANSPORT INFORMATION

IBER(S): 70-0710-4255-3

PLEASE CONTACT THE EMERGENCY NUMBERS LISTED IN SECTION 1 OF THIS MSDS FOR TRANSPORTATION INFORMATION FOR THIS MATERIAL.

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 - NO
DELAYED HAZARD - NO

SECTION 313 TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF THAT SECTION AND 40 CFR PART 372 (EPCRA):

INGREDIENT	C.A.S. NO	% BY WT
ALUMINUM	7429-90-5	4-8

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: 1
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 TOXIC PROPERTIES OF COMBUSTION OR DECOMPOSITION PRODUCTS THAT ARE KNOWN TO BE GENERATED IN SIGNIFICANT QUANTITIES.

REVISION CHANGES:

SECTION 1: PRODUCT USE INFORMATION WAS MODIFIED.
COPYRIGHT WAS MODIFIED.
SECTION 6: RELEASE MEASURES INFORMATION WAS MODIFIED.
SECTION 8: RESPIRATORY PROTECTION INFORMATION WAS MODIFIED.

SECTION 8: PREVENTION OF SWALLOWING INFORMATION WAS MODIFIED.

SECTION 10:

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS INFORMATION WAS MODIFIED.

SECTION 13: WASTE DISPOSAL METHOD INFORMATION WAS MODIFIED.

SECTION 16: NFPA EXPLANATION WAS MODIFIED.

SECTION 12: ECOTOXICOLOGICAL INFORMATION WAS ADDED.

SECTION 12: CHEMICAL FATE INFORMATION WAS ADDED.

SECTION 3: IMMEDIATE ENVIRONMENTAL HAZARD(S) WAS DELETED.

SECTION 6: RELEASE MEASURES NOTE WAS DELETED.

SECTION 12: ECOTOXICOLOGICAL INFORMATION WAS DELETED.

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