

MATERIAL SAFETY 3M
 DATA SHEET 3M Center
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 in response to a customer request. This product is not regulated
 under, and a MSDS is not required for this product by the OSHA
 Hazard Communication Standard (29 CFR 1910.1200) because, when
 used as recommended or under ordinary conditions, it should not
 present a health and safety hazard. However, use or processing
 of the product not in accordance with the product's
 recommendations or not under ordinary conditions may affect the
 performance of the product and may present potential health and
 safety hazards.

DIVISION: OCCUPATIONAL HEALTH & ENVIRON. SAFETY

TRADE NAME:

3M 8210 N95 Particulate Respirator

ID NUMBER/U.P.C.:

70-0706-1439-4 00-51138-46457-3 70-0706-1440-2 00-51131-07048-6

70-0706-1446-9 00-51138-46463-4

ISSUED: February 21, 2000

SUPERSEDES: June 21, 1999

DOCUMENT: 08-1958-1

| 1. INGREDIENT | C.A.S. NO. | PERCENT |
|--|------------|---------|
| Polyester..... | Unknown | 15 - 40 |
| Polypropylene..... | Unknown | 10 - 30 |
| Thermoplastic Elastomer..... | Unknown | 10 - 30 |
| Aluminum..... | Unknown | 10 - 30 |
| Yellow Pigment..... | Unknown | 1 - 5 |
| Acrylic emulsion..... | Unknown | 1 - 5 |
| Polyester/polyurethane foam..... | Unknown | 1 - 5 |
| Rayon..... | Unknown | 1 - 5 |
| Silicone emulsion..... | Unknown | 0.1 - 1 |
| Ethylene/Acrylic Acid copolymer..... | Unknown | 0.1 - 1 |
| Isooctyl Acrylate/Acrylic Acid copolymer..... | Unknown | 0.1 - 1 |

Abbreviations: N/D - Not Determined N/A - Not Applicable CA - Approximately

2. PHYSICAL DATA

BOILING POINT:..... N/A
VAPOR PRESSURE:..... N/A
VAPOR DENSITY:..... N/A
EVAPORATION RATE:..... N/A
SOLUBILITY IN WATER:..... N/A
SPECIFIC GRAVITY:..... N/A
PERCENT VOLATILE:..... N/A
pH:..... N/A
VISCOSITY:..... N/A
MELTING POINT:..... N/D

APPEARANCE AND ODOR:

Non-woven material, White, non-woven respirator shell with aluminum noseclip and yellow headbands. No odor.

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:..... N/A
FLAMMABLE LIMITS - LEL:..... N/A
FLAMMABLE LIMITS - UEL:..... N/A
AUTOIGNITION TEMPERATURE:..... N/A

EXTINGUISHING MEDIA:

Water, Carbon dioxide, Dry chemical

SPECIAL FIRE FIGHTING PROCEDURES:

None known.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None known.

NFPA HAZARD CODES: HEALTH: 0 FIRE: 1 REACTIVITY: 0
UNUSUAL REACTION HAZARD: none

4. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY - MATERIALS/CONDITIONS TO AVOID:

None known.

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

Abbreviations: N/D - Not Determined N/A - Not Applicable CA - Approximately

4. REACTIVITY DATA (continued)

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon Monoxide and Carbon Dioxide, Aldehydes, Ketones, Hydrocarbons,
Methane, Toxic Vapors, Gases or Particulates.

5. ENVIRONMENTAL INFORMATION

SPILL RESPONSE:

Not applicable.

RECOMMENDED DISPOSAL:

Dispose of used product by the same method as recommended for the
disposal of the substance the respirator was used for.

ENVIRONMENTAL DATA:

Not determined.

REGULATORY INFORMATION:

Volatile Organic Compounds: N/A.

VOC Less H2O & Exempt Solvents: N/A.

Since regulations vary, consult applicable regulations or authorities
before disposal. U.S. EPA Hazardous Waste Number = None (Not U.S.
EPA Hazardous).

EPCRA HAZARD CLASS:

FIRE HAZARD: No PRESSURE: No REACTIVITY: No ACUTE: No CHRONIC: No

6. SUGGESTED FIRST AID

EYE CONTACT:

No need for first aid is anticipated.

SKIN CONTACT:

No need for first aid is anticipated.

INHALATION:

Not applicable.

IF SWALLOWED:

Not applicable.

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7. PRECAUTIONARY INFORMATION

EYE PROTECTION:
Not applicable.

SKIN PROTECTION:
Not applicable.

RECOMMENDED VENTILATION:
Not applicable.

RESPIRATORY PROTECTION:
Not applicable.

PREVENTION OF ACCIDENTAL INGESTION:
Wash hands after handling and before eating.

RECOMMENDED STORAGE:
Keep container dry.

FIRE AND EXPLOSION AVOIDANCE:
Not applicable.

OTHER PRECAUTIONARY INFORMATION:
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.

EXPOSURE LIMITS

| INGREDIENT | VALUE | UNIT | TYPE | AUTH | SKIN* |
|--|-------|------|------|------|-------|
| Polyester..... | NONE | NONE | NONE | NONE | |
| Polypropylene..... | NONE | NONE | NONE | NONE | |
| Thermoplastic Elastomer..... | NONE | NONE | NONE | NONE | |
| Aluminum..... | NONE | NONE | NONE | NONE | |
| Yellow Pigment..... | NONE | NONE | NONE | NONE | |
| Acrylic emulsion..... | NONE | NONE | NONE | NONE | |
| Polyester/polyurethane foam..... | NONE | NONE | NONE | NONE | |
| Rayon..... | NONE | NONE | NONE | NONE | |
| Silicone emulsion..... | NONE | NONE | NONE | NONE | |
| Ethylene/Acrylic Acid copolymer..... | NONE | NONE | NONE | NONE | |
| Isooctyl Acrylate/Acrylic Acid copolymer..... | NONE | NONE | NONE | NONE | |

* SKIN NOTATION: Listed substances indicated with 'Y' under SKIN refer to the potential contribution to the overall exposure by the cutaneous route including mucous membrane and eye, either by airborne or, more particularly, by direct contact with the substance. Vehicles can alter skin absorption.

SOURCE OF EXPOSURE LIMIT DATA:

Abbreviations: N/D - Not Determined N/A - Not Applicable CA - Approximately

EXPOSURE LIMITS (continued)

| INGREDIENT | VALUE | UNIT | TYPE | AUTH | SKIN* |
|--------------------------|-------|------|------|------|-------|
| ----- | | | | | |
| - NONE: None Established | | | | | |

8. HEALTH HAZARD DATA

EYE CONTACT:

No adverse health effects are expected from eye contact.

SKIN CONTACT:

No adverse health effects are expected from skin contact.

INHALATION:

No adverse health effects are expected from inhalation exposure.

IF SWALLOWED:

Ingestion is not a likely route of exposure to this product.

SECTION CHANGE DATES

| INGREDIENTS | SECTION CHANGED SINCE | June 21, 1999 | ISSUE |
|-------------|-----------------------|---------------|-------|
|-------------|-----------------------|---------------|-------|

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