

# ITEM: 6AP71 - 3M(TM) 6000 Series Half Mask L

PICK REQ: 1261440762

## MATERIAL SAFETY DATA SHEET (MSDS)

MSDS: C7556

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

MSDS - C7556

Associated Grainger Item: 6AP71 - 3M(TM) 6000 Series Half Mask L

3M

### MATERIAL SAFETY DATA SHEET

3M MATERIAL SAFETY DATA SHEET  
6000 SERIES HALF MASK RESPIRATORS  
06/20/2006

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### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: 6000 SERIES HALF MASK RESPIRATORS

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: 06/20/2006

SUPERCEDES DATE: 02/26/2003

DOCUMENT GROUP: 07-4066-2

PRODUCT USE:  
INTENDED USE: RESPIRATORY PROTECTION

### SECTION 2: INGREDIENTS

INGREDIENT	C.A.S. NO.	% BY WT
POLYPROPYLENE	UNKNOWN	40 - 70
THERMOPLASTIC ELASTOMER	UNKNOWN	30 - 60
POLYETHYLENE	UNKNOWN	10 - 30
COTTON/POLYESTER BRAIDED BANDS, SYNTHETIC POLYISOPRENE CORES	UNKNOWN	5 - 10
SYNTHETIC POLYISOPRENE INHALATION VALVE	UNKNOWN	1 - 5
SILICONE (ORANGE BAYONET GASKET AND BLUE EXHALATION VALVE)	UNKNOWN	1 - 5

### SECTION 3: HAZARDS IDENTIFICATION

#### 3.1 EMERGENCY OVERVIEW:

ODOR, COLOR, GRADE: ODORLESS, GRAY INJECTION MOLDED RESPIRATOR FACEPIECE

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.

#### 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

OSHA FLAMMABILITY CLASSIFICATION: 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 EQUIPMENT (BUNKER GEAR) AND A SELF-CONTAINED BREATHING APPARATUS (SCBA).

##### 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 APPLICABLE.

#### 8.3 EXPOSURE GUIDELINES: NONE ESTABLISHED

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

ODOR, COLOR, GRADE: ODORLESS, GRAY INJECTION MOLDED RESPIRATOR FACEPIECE

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

VAPOR DENSITY: NOT APPLICABLE

VAPOR PRESSURE: NOT APPLICABLE

SPECIFIC GRAVITY: NOT APPLICABLE

pH: NOT APPLICABLE

MELTING POINT: NO DATA AVAILABLE

SOLUBILITY IN WATER: NOT APPLICABLE

EVAPORATION RATE: NOT APPLICABLE

VOLATILE ORGANIC COMPOUNDS: NOT APPLICABLE

PERCENT VOLATILE: NOT APPLICABLE

VOC LESS H2O & EXEMPT SOLVENTS: NOT APPLICABLE

VISCOSITY: NOT APPLICABLE

### SECTION 10: STABILITY AND REACTIVITY

STABILITY: STABLE.

MATERIALS AND CONDITIONS TO AVOID: NONE KNOWN

HAZARDOUS POLYMERIZATION: HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:

SUBSTANCE	CONDITION
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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 APPLICABLE.

CHEMICAL FATE INFORMATION: NOT APPLICABLE.

**SECTION 13: DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL METHOD:

RECLAIM IF FEASIBLE. DISPOSE OF USED PRODUCT BY THE SAME METHOD AS RECOMMENDED FOR THE DISPOSAL OF THE SUBSTANCE THE RESPIRATOR WAS USED FOR.

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

**SECTION 14: TRANSPORT INFORMATION**

ID NUMBER(S):

70-0703-1553-9, 70-0703-1554-7, 70-0703-1555-4, 70-0703-1738-6,  
70-0703-1739-4, 70-0703-1740-2, 70-0704-0755-9, 70-0704-0756-7,  
70-0704-0757-5

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 - YES  
DELAYED HAZARD - NO

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

REVISION CHANGES:

SECTION 16: NFPA HAZARD CLASSIFICATION HEADING WAS MODIFIED.  
SECTION 3: POTENTIAL ENVIRONMENTAL EFFECTS HEADING WAS MODIFIED.  
COPYRIGHT WAS MODIFIED.  
SECTION 3: POTENTIAL EFFECTS FROM SKIN CONTACT INFORMATION WAS MODIFIED.  
SECTION 5: FIRE FIGHTING PROCEDURES INFORMATION WAS MODIFIED.  
SECTION 15: 311/312 HAZARD CATEGORIES HEADING WAS MODIFIED.  
SECTION 15: INTERNATIONAL REGULATIONS INFORMATION WAS MODIFIED.  
SECTION 15: STATE REGULATIONS INFORMATION WAS MODIFIED.  
SECTION 15: US FEDERAL REGULATIONS INFORMATION WAS MODIFIED.  
SECTION 10: HAZARDOUS POLYMERIZATION HEADING WAS MODIFIED.  
SECTION 2: INGREDIENT TABLE WAS MODIFIED.  
SECTION 16: NFPA EXPLANATION WAS MODIFIED.  
SECTION 15: INVENTORIES INFORMATION WAS MODIFIED.  
ARTICLE DISCLAIMER TEXT (FOLLOWING THE COPYRIGHT) WAS MODIFIED.  
SECTION 12: ECOTOXICOLOGICAL INFORMATION HEADING WAS MODIFIED.  
SECTION 12: CHEMICAL FATE INFORMATION HEADING WAS MODIFIED.  
SECTION 16: NFPA HAZARD CLASSIFICATION FOR SPECIAL HAZARDS WAS MODIFIED.  
SECTION 8: EXPOSURE GUIDELINES INFORMATION - NONE - WAS MODIFIED.  
SECTION 10: HAZARDOUS DECOMPOSITION HEADING WAS MODIFIED.  
SECTION 12: ECOTOXICOLOGICAL PHRASE WAS MODIFIED.  
SECTION 2: INGREDIENT PHRASE WAS MODIFIED.  
SECTION 4: FIRST AID FOR SKIN CONTACT - MEDICAL ASSISTANCE - WAS DELETED.  
SECTION 3: IMMEDIATE OTHER HAZARD(S) COMMENT WAS DELETED.

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