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January 12, 1978

Dr. Jerry Lautner
Dept. Industrial Engineering
TAMU
College Station, Texas 77843

file respiratory protection

Dear Dr. Lautner:

The attached data compilation is presented for your use. The data is considered proprietary and confidential and as such must not be copied or redistributed without the knowledge and agreement of the Occupational Health and Safety Products Division of 3M Company.

Any request for other than the above use should be directed in writing to the 3M Company. This letter is necessary so that the proprietary information developed is not released to competitive manufacturers.

Sincerely,

I have not done this prior to passing this into to you. I must that if you plan to use this information in a formal way that you will contact me so that I can check w/ 3M

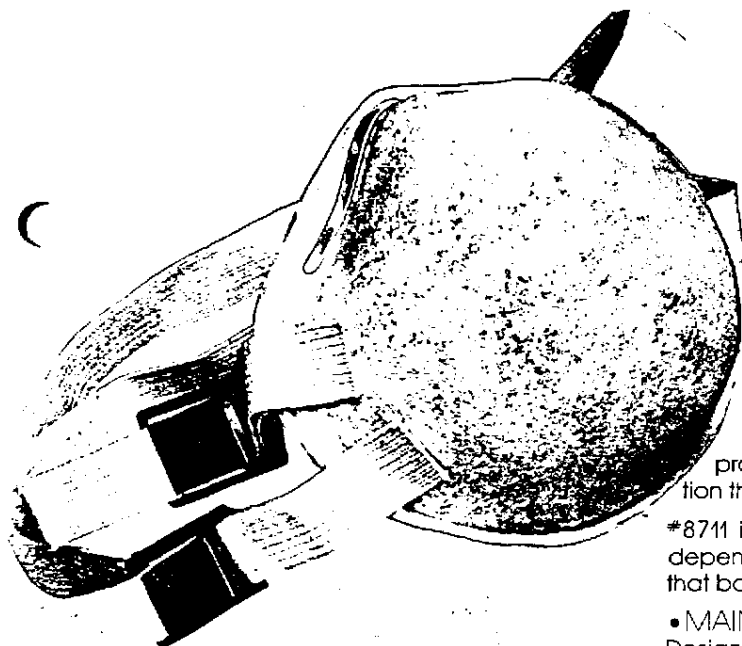
EDH

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EDH/hv
Attachment

MINNESOTA MINING AND MANUFACTURING COMPANY

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3M BRAND SPRAY PAINT RESPIRATOR #8711

3M Brand Spray Paint Respirator #8711 provides proper protection against paint spray particulate and vapors. Protection that is mandatory, especially with today's fast cure coatings.

#8711 is unique with a combination of features that add up to dependable protection, comfort and economy. It's a combination that both employer and spray painter can appreciate.

• MAINTENANCE-FREE ECONOMY

Designed for limited use periods, the #8711 is disposable and priced to make replacement economical. A spray painter simply discards it when used to capacity. Reduces cost and time of conventional respiratory maintenance programs. Eliminates costly inventory of extra cartridges, filters and spare parts.

• WIDE FIELD OF VISION

Low profile half-mask design offers a wider field of vision than dual cartridge respirators. Painters can safely see where they are going and what they are painting. Glasses, safety goggles and face-shields can be worn easily.



• DEPENDABLE PROTECTION

Independent studies have shown that when used in accordance with the "Use and Fitting Instructions", the #8711 performed as well as if not better than conventional NIOSH/MESA approved dual cartridge spray paint respirators.

• UNIQUE THREE PART CONSTRUCTION

Not a "mask", this respirator has a built-in filter of activated carbon between the molded interliner and exterior shell. This three part combination provides both efficiency and protection.

• SECURE FIT

Wide headbands can be readily adjusted for individual comfort and protection. Sawtoothed buckles prevent headband slippage from extensive head movement. #8711 fits a wide range of facial shapes and sizes.

• EFFECTIVE COMFORTABLE SEALING

Soft plastic sealing ring provides secure but comfortable facial fit. Flexible nose-piece with extra foam cushion also assures an excellent seal against vapor and particulate penetration around the respirator.



• LIGHTWEIGHT

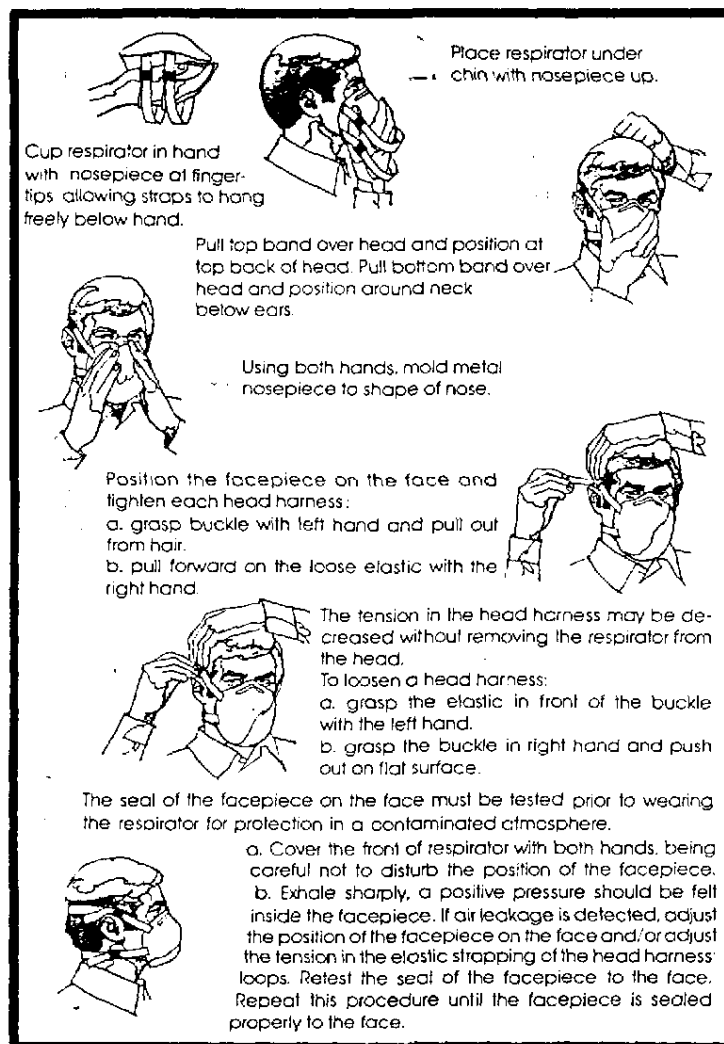
#8711 is a lightweight 2 ounce respirator designed for worker comfort and productivity. It's the lightest spray paint respirator available. Dual cartridge respirators weigh approximately 12 ounces.

• BACKED BY 3M EXPERIENCE

#8711 is one of the latest in an established series of disposable respirator "firsts". For more than a decade, 3M has been developing and manufacturing innovative industrial respirators.

3M
COMPANY

#8711 RESPIRATOR FITTING INSTRUCTIONS



• TOXIC SUBSTANCE WARNING •

The need for proper respiratory protection during painting is extremely important because the isocyanate vapors used with acrylic enamels and polyurethanes can cause lung irritation and allergic respiratory reactions. In some cases, continued exposure will lead to severe reactions. Studies and laboratory tests have shown the #8711 respirator is effective in removing isocyanate vapors generated during painting.

The 3M Brand #8711 respirator protects against vapor and paint particulates from: Enamels, Lacquers, Epoxies, Acrylic Enamels, Polyurethanes.

• CAUTION •

When the #8711 respirator is used as protection against isocyanate hardeners, it must be disposed of after five days of use, e.g., Monday thru Friday, regardless of length of total spray time.

• NIOSH/MESA APPROVAL STATUS •

The 3M Brand Spray Paint Respirator #8711 is not approved by NIOSH/MESA at this time because the respirator does not meet the design criteria specified in 30 CFR Part 11. Changes in 30 CFR Part 11 are pending that will allow this spray paint respirator to be approved. We have on file data to prove the #8711 respirator operates as well as if not better than a NIOSH/MESA approved spray paint respirator.

• OSHA ACCEPTANCE •

Information outlining the technical adequacy of the No. 8711 Respirator for use against isocyanate containing paints can be provided to our customers upon written request, as necessary in accordance with the U.S. Department of Labor, Occupational Safety and Health Administration Field Directive #300-9 dated June 9, 1977, paragraph G.1.g on page 18.

ATTENTION INDUSTRIAL HYGIENISTS •

An Industrial Hygienist should determine the suitability of this product for any intended use. Selection and recommendation for usage of the respirator must be made after the proper assessment of the working environment. This will

require a thorough knowledge of all processes, related equipment, raw materials, products and applications which can create an exposure hazard.

IMPORTANT NOTES TO PURCHASER

THE FOLLOWING WARRANTY IS MADE IN LIEU OF ALL OTHER WARRANTIES EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PURPOSE: 3M OH&SP products sold will meet the physical standards and properties set forth in the applicable product specification data sheets issued by 3M. 3M's only obligation under this warranty shall be to replace such quantity of 3M Safety Products proved to be defectively manufactured by failing to meet the aforementioned specification data sheets, and to be responsible for any third party personal injuries directly caused by said defects. Except as provided above, 3M shall not be liable or responsible for any loss, damage, or liability, direct, indirect, incidental, special or consequential, arising out of the sale, use or misuse of, or the inability to use products by the user.

ANOTHER STEP TOWARDS BETTER OCCUPATIONAL HEALTH AND SAFETY

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Occupational Health & Safety Products Division 

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