FILE NAME: WR Grace (WRG)

DATE: April 13, 1970

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DOCUMENT DESCRIPTION: 1970 New York City regulation on precautions to be taken when spraying asbestos.

ENVIRONMENTAL PROTECTION ADMINISTRATION

Office of the Administrator

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C7446: A/C

Pursuant to the authority vested in me by the New York City Charter and the New York City Air Pollution Control Code it is hereby determined that the spraying of asbestos-containing materials may cause detrimental effects to the safety, health, welfare, and comfort of the public. Therefore, asbestos-containing material shall not be sprayed without taking the following precautions:

1. Before the start of spraying operations all floor areas shall be swept broom clean. Before the application of asbestos-containing material commences, the floor of the area shall be cleared of all objects, material and equipment other than that employed in the application of the asbestos-containing insulation or all objects, materials, etc. shall be covered with plastic or plastic-coated tarpaulins in a manner that precludes the subsequent dispersal of asbestos particulates.

2. The entire floor, or the part of the floor to be insulated, shall be enclosed with plastic or plastic-coated tarpaulins in a manner which shall preclude the escape of asbestos-containing material from the enclosure. All interior open areas, such as elevator shafts, stairwells, etc., shall be enclosed in a manner which shall prevent the escape of asbestos-containing material from the working area. "Stack effect" of the shafts, stairwells, etc., shall be considered in providing proper enclosures. An enclosure will be considered satisfactory only if visible insulating material cannot escape from the enclosure.

3. Wet asbestos-containing material which has fallen to the floor shall be immediately swept up and placed in a container having walls, bottom, and a tight cover strong enough to resist tearing

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or breaking under normal handling conditions and clearly marked as containing asbestos waste. The contents of the aforementioned containers shall not be transferred to another container, but the container shall be placed directly upon a vehicle for disposal at an approved site.

4. All floors will be vacuumed shortly after drying. The vacuum cleaner shall contain a strong, single-service, disposable inner bag of durable material which shall be removed from the vacuum cleaner and tightly sealed. The bag shall then be placed in a container of the type described in paragraph 3, which shall thereafter be placed on a vehicle for removal and disposal at an approved site.

5. The materials used to form the enclosure shall be thorougly vacuumed upon completion of the application of the insulation in the area. The entire floor area, all lodges and surfaces including tarpaulins upon which waste insulation material may have fallen, shall then be vacuumed or revacuumed before removal of the enclosures.

6. Enclosures shall not be dismantled until the area has been thoroughly vacuumed after completion of spraying and clean-up.

7. All areas used for opening bags containing asbestos insulating material and/or charging of hoppers shall be enclosed in such a manner that asbestos-containing insulating material shall not be permitted to escape from the immediate area in which such activity takes place.

8. Signs shall be posted outside enclosures warning persons of the hazard of entering the enclosure without appropriate mask and other apparel.

9. All persons involved in the spraying of asbestos at the site must be furnished with Bureau of Mines approved respirators for pneumoconionic-producing dust and must be furnished with suitable coveralls which will be left at the site and thereby preclude the removal of asbestos from the site. No person shall be permitted in an area in which asbestos spraying of handling has taken place until final vacuuming referred to in paragraph numbered '5' herein, unless such person is furnished with and wears a Bureau of Mines approved respirator for pneumoconionic-producing dust and coveralls of the type described herein. Facilities shall be provided and procedures instituted

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and supervised that preclude the removal and dispersal of asbestos-containing material from the construction site on the clothing or other appurtenances of persons leaving the area.

10. Any plenum or other structures coated with asbestos-containing insulation which is intended for use in the circulation of air in the building must be thoroughly cleaned of all debris and waste insulation. All applied asbestos-containing insulation within a plenum or duct must be coated with a sealant which precludes exposure of the asbestos-containing material to the circulating air.

The above regulations shall take effect at 7:00 a.m. Monday, April 13, 1970. Failure to comply with the above setforth requirements will result in prosecution of any violators thereof to the full extent of the law.

Sincerely yours,

Robert N. Rickles, Ph.D., P.E.
Commissioner