

March 6, 1970

Mr. Ken Doolan  
Industrial Hygienist  
Health Unit, Goddard Space Flight Center  
National Aeronautics and Space Administration  
Greenbelt, Maryland 20771

Dear Mr. Doolan:

Your letter of February 5, 1970, requesting compositional information on Du Pont's 63-150 zinc chromate primer has been passed along to me for reply.

The composition is comprised essentially of zinc chromate pigment (25-30% by weight), inert fillers (1-5% by weight), a common oil alkyd resin (20-25% by weight), toluene (3-5% by weight), and xylene (35-40% by weight).

Primers of the type described above have been used for a number of years, and their history in use has been good. By following good industrial hygiene practices no unusual hazards are anticipated.

The solvents contained in 63-150 can cause dermatitis due to defatting of the skin. It is improbable that systemic intoxication could result from percutaneous absorption of these solvents. They are capable of producing eye irritation by direct contact.

Inhalation of the vapors of the aromatic hydrocarbons are capable of producing signs indicative of respiratory irritations and central nervous system actions. Narcosis can result from inhalation of high concentrations of solvent vapors or mists.

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In view of the above, this product should be used in well ventilated areas. Skin and eye contact should be avoided; and if accidental contact occurs, the area involved should be flushed with water.

It is understood that the compositional information divulged here will be kept in strict confidence.

Very truly yours,

A. S. Maselow  
Toxicity Coordinator

AMH/jag