

SHELL CHEMICAL CORPORATION



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| SHELL DEVELOPMENT CO. |   |     |  |
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| ANS'D:                |   | BY: |  |

April 13, 1954

**BOEING AIRPLANE COMPANY**  
Seattle 14, Washington

Attention: Mr. Walter E. Fugge, Jr.  
Industrial Hygiene Eng.

Gentlemen:

In response to your request of April 7 for information on the composition of our products used at Boeing, we are pleased to provide the following information:

**NEW Adhesive I-2**

NEW 1001 (Shell Chemical Corporation)  
Fyponex 9073 (Richfield Chemicals, Inc.)  
Bisphenolide (American Cyanamid Co.)  
Aluminum dust (Alcoa or Metals Manufacturing Co.)  
Copper 8-hydroxy quinoline (Brenntag Chemical Co.)

**NEW Adhesive VI**

NEW 83  
Allyl glycidyl ether  
Minor ingredients known to be non-toxic

**Resin Adhesive A**

Bisphenolacrylonitrile (American Cyanamid Co.)

**Resin Adhesive "E"**

This is a naphtha-type hydrocarbon solvent, sold by Shell Oil Co. More specific details on its composition should be obtained from them.

We are enclosing a copy of our data sheet SE: 53-48, giving our recommendations regarding the proper and safe handling of the NEW resins and materials used with them. The resins themselves are known to be relatively innocuous, but the amines used to cure or harden them are volatile alkaline liquids which are known to cause dermatitis if not used carefully. Allyl glycidyl ether, frequently used as a reactive diluent with the NEW resins

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Boeing Airplane Company

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April 15, 1954

is also toxic, and must be used with care. We are enclosing our data sheet SC: 53-79, which describes this material and its proper handling.

We trust the foregoing data is adequate for your purposes. Please do not hesitate to contact us if we may be of further service.

Very truly yours,

ORIGINAL SIGNED BY J. L. MORRILL

J. L. Morrill  
Chemical Products Department

Encls.

cc: EO- Boeing & Flettner- Manager  
San Francisco District Manager  
Portland Representative

Shell Development Co., Maryville ← THIS COPY FOR →  
Shell Development Co., Maryville- Dr. C.H. Hine

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