



INTER-ORGANIZATION MEMO

FILE
TO: DISTRIBUTION

Corporate Safety Department

ATTENTION:

JUL 18 1974

FROM: R. W. Laundrie

Roy N. Johnson

DATE: July 17, 1974

SUBJECT: AIR PURGING OF BULK CONTAINERS OF
POLYVINYL CHLORIDE RESINS

The vapor spaces of bulk tank cars and tank trucks of polyvinyl chloride resins are a potential source of high exposure to vinyl chloride vapors especially if container has been sealed for some time.

To obviate exposures of your employees, please institute at once a work practice that encompasses purging of the vapor spaces with plant air (using a lance). The greatest potential exposure is to that employee that takes a sample for Quality Control purposes. Sampling for resin should be accomplished by using a sample container attached to a pole rather than bending over an open hatch and scooping the sample out. Adequate purging should be obtained by air purging with ten times the volume of the vapor space.

As progress is made in lowering the vinyl chloride content of the resins, it may be possible to eliminate the air purge completely.

Send me a copy of your practice.

R. W. Laundrie
R. W. Laundrie

RWL/byo

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