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Section Head
Vinyl Development Services

cc: C A Johnson, M.D.
R G Cummings
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Subject: SEPS for PVC resins and compounds

The Special Handling Precaution Sheet (SEPS) prepared for PVC resins and compounds covers the following three conditions that may arise from their use:

1. If vinyl chloride is released above the 0.5 ppm action level, the provisions of the Vinyl Chloride Standard, CFR 1910.1017, must be followed.
2. If vinyl chloride atmospheric concentrations are less than the 0.5 ppm action level, but PVC airborne dust concentrations exceed the 15 mg/M³ nuisance dust level, measures must be taken to reduce the airborne dust level.
3. If both vinyl chloride and nuisance dust concentrations are below 0.5 ppm and 15 mg/M³, respectively, no special handling precautions are required.

As a fourth point, the following OSHA interpretation is presented:

4. If the PVC resin or compound can be considered a "fabricated product", per the attached letter, then an exemption from the vinyl chloride standard is possible, provided initial monitoring results show atmospheric concentrations to be less than the 0.5 ppm action level.

If you have any further questions, please contact Corporate Industrial Hygiene.

Corporate Industrial Hygiene

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