



Handwritten signature/initials

Interoffice Communication

To Louis Legendre, Keith Fogg
From Tom Grumbles
Date December 17, 1981
Subject INDUSTRIAL HYGIENE AUDIT OF THE LCCP

This letter is to confirm your participation in the subject audit to be done on January 20, 21, and 22. The audit will begin the morning of the 20th and should conclude by 2:00 p.m. on the 22nd.

Please let me know what your travel plans are.

A handwritten signature that appears to read "Tom" or "Tom Grumbles", written in a cursive style.

Thomas G. Grumbles

ajo

CCR 000001622

6. REACTIVITY DATA

CONDITIONS CONTRIBUTING TO INSTABILITY

High temperatures

INCOMPATIBILITY

Strong oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS

CO, CO₂

CONDITIONS CONTRIBUTING TO HAZARDOUS POLYMERIZATION

7. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED

Evacuate the area and remove all sources of ignition. Avoid inhalation of vapors. Increase ventilation if spilled in an enclosed area. Vacuum large amounts. Smaller amounts may be absorbed and picked up mechanically.

NEUTRALIZING CHEMICALS

WASTE DISPOSAL METHOD

Incinerate under controlled conditions in accordance with local, state or federal regulations.

8. SPECIAL PROTECTION INFORMATION

VENTILATION REQUIREMENTS

Mechanical ventilation when in use. Local exhaust wherever possible.

SPECIFIC PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY (SPECIFY IN DETAIL):

Organic vapor air purifying cartridge respirator or air supplied equipment dependent on concentration.

EYE: Chemical goggles and face shield.

GLOVES: Butyl rubber or other impervious material when handling liquid.

OTHER CLOTHING AND EQUIPMENT:

Other impervious clothing as needed to avoid skin contact.

CCR 000001626

5. HEALTH HAZARD INFORMATION

FIRST AID

EYES:	Flush with large amounts of water for at least 15 minutes. Seek medical aid.
SKIN:	Wash skin thoroughly with non-abrasive soap and water. If irritation persists, seek medical aid.
INHALATION:	Remove victim to fresh air. If breathing has stopped, administer artificial respiration or oxygen and cardio-pulmonary resuscitation if necessary. Seek medical aid.
INGESTION:	Do Not Induce Vomiting. If possible administer gastric lavage. Avoid aspiration. Seek medical aid.

NATURE OF HAZARD

EYES:	Vapors or liquid are irritation to the eyes.
SKIN:	Repeated or prolonged skin contact may cause defatting and lead to dermatitis. Percutaneous absorption may occur.
INHALATION:	Irritation to nose and upper respiratory tract. May cause CNS depression and reversible effects on liver and kidneys.
INGESTION:	Systemic effects may occur.

EFFECTS OF OVEREXPOSURE:

ACUTE OVEREXPOSURE:	Dizziness, nausea; vomiting; anesthesia leading to unconsciousness and coma.
CHRONIC OVEREXPOSURE:	Unknown. Contains benzene which is a suspect leukemogen

THRESHOLD LIMIT VALUE (TLV)

None established. Based on the benzene content a value of 10 ppm for an eight hour TWA is recommended.

TOXICITY DATA

SKIN CONTACT: No specific data available

EYE CONTACT: No specific data available

INHALATION: No specific data available

INGESTION: No specific data available

SPECIAL PRECAUTIONS: AVOID INHALATION AND REPEATED SKIN CONTACT

Interoffice Communication

Jim
Recover

To Mike Marshall

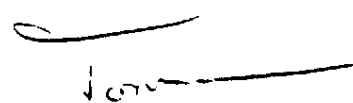
From Tom Grumbles

Date December 16, 1981

Subject VCM EXPOSURES TO PERSONNEL HANDLING CONOCO PVC RESIN

Extensive personnel monitoring has been done on employees handling PVC resins in our plant at Aberdeen. After monitoring from 1974 to 1978 the monitoring results for these workers were analyzed statistically. The results of this analysis showed that assuming a normal distribution, even two standard deviations from the average was less than 0.5 ppm.

Please let me know if you need further information concerning this issue.


Thomas G. Grumbles

ajo

CCR 000001628