

METHYL CHLORIDE FINISHING

PROCESS SUMMARY:

- * METHYL CHLORIDE FROM HYDROCHLORINATION IS DISTILLED AND ALSO USED FOR CROSS EXCHANGE IN HYDROCHLORINATION

METHYL CHLORIDE SYSTEM SCENARIOS

1. TUBE LEAKS

- * CROSS EXCHANGED WITH SIMILAR PROCESS, NO REACTIVITY PROBLEMS
- * POTENTIAL FOR LEAKING METHYL CHLORIDE INTO FREON 22 AT E-211.

2. FLAMMABILITY POTENTIAL

- * SPRINKLER SYSTEM PROTECTS D-1250 AREA AND FINISHING EQUIPMENT IN CASE OF FIRE

3. REACTIVITY WITH ALUMINUM

- * ALUMINUM IS NOT USED IN ANY PROCESS EQUIPMENT, VALVES, FITTINGS, ETC.
- * EMPLOYEES ARE TRAINED ON REACTIVE POTENTIAL

4. METHYL CHLORIDE CAUSTIC FILTERS

- * WATER/CAUSTIC REACTION INCIDENT (MAY 1992)
- * HCL/CAUSTIC REACTION OCCURRING AT LOW PPM