

Date Prepared 05/2001
 Revised 9/5/03; P. Watt
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BMP EETD #1

TITLE: DETERMINING CHEMICAL COMPATIBILITY

Regulatory Citation: 6 NYCRR Part 373-3.9(G)(1)&(2)

Applicability: Waste and Raw Chemical Storage Areas.

Purpose: To determine the compatibility of waste and/or virgin chemicals that are stored together.

Person or

Department Responsible: Laboratory Assistant Electrical Engineering
 Coordinator of Environmental Health & Safety of any changes/additions to the chemical inventory to assure proper storage location.

| Cabinet Location | Material | Chemical content & RGN code/comments |
|------------------|----------------------------|--|
| Cabinet A | Solder electrolyte PBSN-5G | Lead, tin, methansulfonic acid 3, 24 |
| Cabinet B | Copper electrolyte CU-5G | Sulfuric acid 2 |
| | Sulfuric acid A300-212 | Sulfuric acid 2 |
| | Phosphoric acid 85% | Phosphoric acid 2 |
| Cabinet C | Stripper DF5-12G | Potassium hydroxide 10 |
| | Defoamer AZK-F-1QT | No haz ingredients (MSDS – keep away from strong oxidizing agents) |
| | Developer DFD-12G | Sodium carbonate 10 |
| | Catalyst CAT-20G | Aminotriazole 7 |

| | | |
|--|---------------------|--|
| On floor under bench in covered 5-gallon container | Ammonium persulfate | MSDS: do not store with inorganic acids or bases or strong reducing agents |
| On floor under bench in covered 5-gallon container | Sodium persulfate | MSDS: do not store with acids, bases, halides, combustibles, metals, oxidizers |
| | | |

Record keeping: Not Applicable.

Record Location: Not Applicable.

Contact: Laboratory Assistant (629-7102)
Coordinator of Environmental, Health and Safety (629-7163)

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