CONTENTS

Part I Wastes in the Municipal Solid Waste Stream	
Executive Summary-Findings and Conclusions	2
1. Introduction	12
2. Production, USE, and Disposal of Plastics and Plastic Products	14
3. Impacts of Plastic Debris on the Marine Environment	70
4. Impacts of Post-Consumer Plastics Waste on the Management of Municipal Solid Waste	147
5. Options to Reduce the Impacts of Post-Consumer Plastics Wastes	208
6. Objectives and Action Items	313
Appndix A-Stntutory and Regulatory Authorities Available to EPA and Other Federal	_
Agencies	332
Appendix B-State and Local Recycling Efforts	344
Appendix C-Substitutes for Lead and Cadmium Additives for Plastics	358
Part II Recycling in the Industrial Sector	
1. Introduction	382
2. Plastic Waste Projections	384
3. The Energy Content of Plastic Wastes	417
5. An Update of Recent Institutional Changes That May Promote Recycling	431
6. Recent Legislative and Regulatory Actions	434
7. The Potential for Divertable Plastic Waste	443
8. Plastics Recycling from the Current Industry's Perspective	453
9. Conclusions	461
Appendix-Plastic Waste Projections: Methodology and Assumptions	465
References	478