

- : C O N T E N T S : -

| <u>CHAPTER</u>                               | <u>PAGE</u> |
|----------------------------------------------|-------------|
| 1. Introduction ... ..                       | 1 - 66      |
| 2. Object ... ..                             | 67 - 70     |
| 3. Experimental ... ..                       | 71 - 228    |
| A. Synthesis and Characterization            |             |
| B. Methods of Study ... ..                   |             |
| 4. Results and Discussion ... ..             | 229 - 345   |
| i. Preliminary Results and Discussion ... .. |             |
| ii. General Considerations .. ..             |             |
| iii. Efficiency of Additives ...             |             |
| REFERENCES ... ..                            | 347 - 382   |
| SUMMARY ... ..                               | 383 - 410   |