### FINAL YEAR PROJECT REPORT

# 'THE DEGRADATION OF PLASTICS (CARS)'

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# DIPLOMA IN MECHANICAL ENGINEERING (MANUFACTURING)

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### TABLE OF CONTENTS

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## **ABSTRACT**

1			DIT		Ð	1
	П	A	rı	ľΕ	R	

1.0	INTRODUCTION	1-3
1.1	OBJECTIVE	4
	I.I.I GENERAL OBJECTIVE	4
	1.1.2 PROJECT OBJECTIVES	5
СНА	APTER 2 (AUTOMOTIVE)	
2.0	COMPONENTS	6-7
2.1	POLYMER COMPONENTS	8-12
2.2	PERFORMANCE OF COMPONENT	13-18
2.3	TYPES OF AUTOMOTIVE PLASTIC	19
2.4	THE MOST COMMON AUTOMOTIVE PLASTIC	20-22
	2.4.1 PLASTIC IDENTIFICATION	23
2.5	TYPES OF POLYMERS PROPERTIES	24-25
	2.5.1 AMORPHOUS AND CRYSTALLINE PLASTIC	26-28
	2.5.2 APPLICATION OF PLASTIC IN AUTOMOTIVE	29-31
2.6	THE REASON WHY POLYMERS ARE USED	32-33
2.7	TYPE OF DEGRADATION	34-38
2.8	BLOOMING	38-39

2.9	BLOWING/TRAPPING	39-40
2.10	CHALKING	40
2.11	CHECKING/CRAZING	41
2.12	CLOUDINESS/MOTTLING	42-43
2.13	CHACKING	43-44
2.14	DIRT/SEEDS/BITS	45-46
2.15	DRY SRRAY	46
2.16	DULL FINISH/ABNORMAL LOSS OF GLASS	47
2.17	FEATHER EDGE LIFTING	48-49
2.18	METAMERISM	49
2.19	OFF COLOUR/POOR COLOUR MATCH	50
2.20	ORANGE PEEL	51
2.21	OVERSPRAY	52
2.22	PEROXIDE SPECKS IN METALLIC FINISH	53
2.23	PINHOLING	54
2.24	POPPING	55-56
2.25	RUNS/SAGS	56
2.26	SCRATCH OPENING	57-58
2.27	SHRIVAL	58-59
2.28	SILICONE CREATING (CLASSING/FISH EYES)	59-60
2.29	SINKAGE	61
2.30	SLOW DRYING/SOFTNESS	62
2.31	SPOTTING/COLOUR CHANGE DUE CHEMICAL FACTORS	63-64
2.32	STONE CHIPPING OR MECHANICAL DEMAGE	64-65

The development of modern cars industries owes much to the technological improvement made in the material of the cars component over many years. This report is about the study made on degradation of polymers in automotive.

The study has been concentrated on the polymer components their usage, properties, selection, factors and the advantages and disadvantages of polymer.

It also includes looking at polymer degradation after a certain period and factors that involved such as chemical and UV light.

Information gathered from automotive related industries on polymer components helped to clarify some of unknown facts about polymer degradation. It will provide some information for the industries to used in their production and polymer used.