

<b>RESIN – High Density Polyethylene (HDCOR50 – HDB50)</b>		
<b>SECTION 1—IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY</b>		
<b>Product Identifier</b>	High Density Polyethylene (HD Cor)	
<b>Other means of identification</b>	HDPE Cor, HDPE Resin, HD Cor.	
<b>Recommended use of the chemical and restrictions on use</b>	A recycled resin for plastic manufacturing.	
<b>Details of the manufacturer or importer</b>	Resitech Resins Pty Ltd 5 Priority Street WACOL 4076 +61 7 3879 4409	
<b>Emergency phone number</b>	+61 402 428 211	
<b>SECTION 2—HAZARD(S) IDENTIFICATION</b>		
This material is not hazardous according to the health criteria of Safe Work Australia.		
This material is not classified as dangerous goods by the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail.		
<b>SECTION 3—COMPOSITION AND INFORMATION ON INGREDIENTS</b>		
<b>CHEMICAL ENTITY</b>	<b>CAS NO.</b>	<b>PROPORTION</b>
High Density Polyethylene (HDPE)- Blow Moulding 50 % - HD Injection Moulding 50 %	9002-88-4	98%
Black Masterbatch (40% Black)		+/- 2%
Carbon Black	1333-86-4	+/- 0.8%
<b>SECTION 4—FIRST AID MEASURES</b>		
<b>Inhalation</b>	Unlikely due to physical form of material.	
<b>Skin Contact</b>	No hazard	
<b>Eye contact</b>	Unlikely to require first aid.	
<b>Ingestion</b>	Unlikely, low order of toxicity. Seek medical advice.	
<b>SECTION 5—FIREFIGHTING MEASURES</b>		
<b>HAZCHEM Code</b>	Not regulated	
<b>Suitable extinguishing equipment</b>	If material is involved in a fire use a dry agent such as carbon dioxide extinguisher or dry chemical powder extinguisher.	
<b>Specific Hazards</b>	May add to the intensity of a fire. May emit fumes if involved in fire.	
<b>Special protective Equipment and precautions for firefighters</b>	Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing (including fire fighting helmet, coat, trousers, boots and gloves).	
<b>SECTION 6—ACCIDENTAL RELEASE MEASURES</b>		
<b>Personal precautions, protective equipment and emergency procedure</b>	Keep away from sources of ignition and flame.	
<b>Environmental precautions</b>	Please dispose of responsibly. Clean unused resin can be returned to the manufacturer for recycling.	
<b>Methods and materials for containment and cleaning up.</b>	Cover and protect drains and gutters to prevent release into waterways. Use shovel, broom and bucket for clean up.	
<b>SECTION 7—HANDLING AND STORAGE, INCLUDING HOW THE CHEMICAL MAY BE SAFELY USED</b>		
<b>Handling</b>	Do not burn or expose the material to excessive heat.	
<b>Storage</b>	Store in a cool dry place out of direct sunlight. Store away from sources of heat or ignition.	
<b>SECTION 8—EXPOSURE CONTROLS AND PERSONAL PROTECTION</b>		

<b>Exposure Standard</b>	No exposure standard or limits apply to this material.
<b>Biological Monitoring</b>	No biological monitoring is required for this material.
<b>Control Band</b>	No control band is applicable to this material.
<b>Engineering Controls</b>	No engineering controls are applicable to this material.
<b>Personal Protective Equipment</b>	Safety glasses and abrasion resistant gloves.
<b>SECTION 9—PHYSICAL AND CHEMICAL PROPERTIES</b>	
<b>Appearance</b>	Pellets
<b>Odour</b>	Nil when cold
<b>pH</b>	Not applicable
<b>Melting point</b>	>190-210°C
<b>Melt Index @ 190°C, 5kg</b>	1+/-0.5g/10mins (ASTM D1238)
<b>Tensile Strength at Break</b>	37MPa (ASTM D638)
<b>Elongation at Break</b>	760% (ASTM S 638)
<b>Percent Volatiles (by wt)</b>	0
<b>Flash point</b>	>260°C +/- 10°C
<b>Flammability Limits</b>	Not applicable
<b>Specific Gravity</b>	0.95 +/- 0.1
<b>Solubility in water</b>	Not applicable
<b>Autoignition Temperature</b>	>260°C +/- 10°C
<b>SECTION 10—STABILITY AND REACTIVITY</b>	
<b>Reactivity</b>	May add to the intensity of a fire.
<b>Chemical stability</b>	This product is stable when stored and used as directed.
<b>Possibility of hazardous reactions</b>	No known hazardous reactions.
<b>Conditions to avoid</b>	Flames and sources of ignition. Accumulation of electrostatic charge. Strong oxidising agents
<b>Incompatible materials</b>	No data available
<b>Hazardous decomposition products</b>	Carbon monoxide, aldehydes, acetic acid.
<b>SECTION 11—TOXICOLOGICAL INFORMATION</b>	
<b>Acute toxicity</b>	This material has been classified as non-hazardous.
<b>Skin corrosion/irritation</b>	This material has been classified as non-hazardous.
<b>Serious eye damage/irritation</b>	This material has been classified as non-hazardous.
<b>Respiratory or skin sensitisation</b>	This material has been classified as non-hazardous.
<b>Germ cell mutagenicity</b>	This material has been classified as non-hazardous.
<b>Carcinogenicity</b>	This material has been classified as non-hazardous.
<b>Reproduction toxicity</b>	This material has been classified as non-hazardous.
<b>Specific Target Organ Toxicity (STOT)-single exposure</b>	This material has been classified as non-hazardous.
<b>Specific Target Organ Toxicity (STOT)-repeated exposure</b>	This material has been classified as non-hazardous.
<b>Aspiration hazard</b>	This material has been classified as non-hazardous.
<b>Possible routes of exposure</b>	Contact with skin during handling or use.
<b>Early onset symptoms related to exposure</b>	This material has been classified as non-hazardous.
<b>Delayed health effects from exposure</b>	This material has been classified as non-hazardous.
<b>Exposure levels and health effects</b>	This material has been classified as non-hazardous.
<b>Interactive effects</b>	This material has been classified as non-hazardous.
<b>Mixtures of chemicals</b>	This material has been classified as non-hazardous.
<b>Other Information</b>	None.

<b>SECTION 12—ECOLOGICAL INFORMATION</b>	
<b>Ecotoxicity</b>	Information not available.
<b>Persistence and degradability</b>	Information not available.
<b>Bioaccumulative potential</b>	Information not available.
<b>Mobility in soil</b>	Information not available.
<b>Other adverse effects</b>	Information not available.
<b>SECTION 13—DISPOSAL CONSIDERATIONS</b>	
<b>Disposal methods</b>	Product can be fully recycled if returned to manufacturer in a clean and unused state. The product is comprised of readily recyclable plastic in Australia and this product should be considered for recycling prior to disposal at landfill.
<b>SECTION 14—TRANSPORT INFORMATION</b>	
<b>UN number</b>	Not classified as dangerous goods.
<b>Proper shipping name or technical name</b>	Recycled High Density Polyethylene
<b>Transport hazard class</b>	Not classified as dangerous goods.
<b>Packing Group</b>	Not classified as dangerous goods.
<b>Environmental hazards for transport purposes</b>	Not classified as dangerous goods.
<b>Special precautions for user</b>	Not classified as dangerous goods.
<b>Additional Information</b>	Not classified as dangerous goods.
<b>Hazchem or Emergency Action Code.</b>	Not classified as dangerous goods.
<b>SECTION 15—REGULATORY INFORMATION</b>	
There are no safety, health or environmental regulations for this material.	
<b>SECTION 16—ANY OTHER RELEVANT INFORMATION.</b>	
<b>Date of preparation or review</b>	1/05/22