



# Safety Data Sheet

<b>1.0</b>	<b>IDENTIFICATION OF THE MATERIAL AND SUPPLIER</b>		
<b>1.1</b>	<b>Product Identifiers</b>	<b>WELVIC VINYL COMPOUND - FLEXIBLE</b>	
	Product Name		
<b>1.2</b>	<b>Chemical Name</b>	<b>Polyvinyl Chloride (PVC) Compound:</b>	
	Description	<b>Solid thermoplastic coloured or clear cylindrical granules</b>	
<b>1.3</b>	<b>Identified Uses</b>	<b>Manufacture of Plastic Parts using Extrusion or Injection Moulding processes</b>	
<b>1.4</b>	<b>Supplier Details</b>		
	Company	Welvic Australia Pty Ltd	Telephone Number
	ABN	47 121 792 818	Emergency Telephone
	Address	Gate 6, Tilburn Road Deer Park, Vic 3023 Australia	1300 935 842 1300 WELVIC +61 3 8361 7599
<b>2.0</b>	<b>Hazards Identification</b>		
<b>2.1</b>	Hazard Classification	<b>Not Classified.</b>	
<b>2.2</b>	Hazard Category	Signal Word	Hazard Statement
	Not Applicable	Not Applicable	Not Applicable
			GHS Symbol
			Pictogram
			Not applicable
	Precautionary Statements		
	Prevention	Response	Storage
	No precautionary statements	No precautionary statements	No precautionary statements
			Disposal
			No precautionary statements
<b>2.3</b>	<b>Other Hazard Information: Not included in GHS classification</b>		
	Not classified as hazardous according to criteria of NOHSC (based on available information).		
	Not classified as Dangerous Goods for transport by Road and Rail (ADG), Sea (IMDG) or Air (IATA).		
	(Refer to section 14)		



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<b>3.0</b>	<b>Composition / Information on Ingredients</b>													
	<table border="1" style="width: 100%;"> <thead> <tr> <th style="width: 30%;">Components</th> <th style="width: 30%;">Proportion</th> <th style="width: 40%;">CAS Number</th> </tr> </thead> <tbody> <tr> <td>Polyvinyl chloride PVC</td> <td>&gt;40%</td> <td>9002-86-2</td> </tr> <tr> <td>Plasticiser, Inert Fillers Additives &amp; Colours</td> <td>15-60%</td> <td>-</td> </tr> <tr> <td>VCM*</td> <td>&lt;1ppm</td> <td>75-01-4</td> </tr> </tbody> </table>	Components	Proportion	CAS Number	Polyvinyl chloride PVC	>40%	9002-86-2	Plasticiser, Inert Fillers Additives & Colours	15-60%	-	VCM*	<1ppm	75-01-4	* Residual Monomer from polymerisation: of PVC polymer. R12 Carcinogen. Cat 1 R45
Components	Proportion	CAS Number												
Polyvinyl chloride PVC	>40%	9002-86-2												
Plasticiser, Inert Fillers Additives & Colours	15-60%	-												
VCM*	<1ppm	75-01-4												
<b>4.0</b>	<b>First Aid Measures</b>													
<b>4.1</b>	<b>Eye Contact</b>	In all cases of eye contamination it is a sensible precaution to seek medical advice												
	<b>Ingestion</b>	If swallowed seek medical advice.												
	<b>Inhalation</b>	No risk.												
	<b>Skin Contact</b>	No risk.												
<b>4.2</b>	<b>Key symptoms</b>	Not Applicable. Treat symptomatically.												
<b>4.3</b>	<b>General Advice</b>	Consult a Physician. Show this safety data sheet to doctor in attendance												
<b>5.0</b>	<b>Fire Fighting Measures</b>													
<b>5.1</b>	<b>Extinguishing Media</b>	Water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).												
<b>5.2</b>	<b>Special Hazards</b>	On burning will emit toxic fumes, including oxides of carbon or nitrogen and respiratory / eye irritants such as hydrogen chloride (Acidic).  Dust and powder may form flammable dust clouds in air.												
<b>5.3</b>	<b>Advise for firefighters</b>	Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if there is a risk of exposure to vapour / fumes or products of combustion.												
<b>6.0</b>	<b>Accidental Release Measures</b>													
<b>6.1</b>	<b>Personal Precautions</b>	Stop leak from container if you can do it without risk. Isolate the exposed area.  Cylindrical granules are a potential slip hazard. Sweep or vacuum up granules, but avoid generating dust. Collect and seal in properly labelled containers.												
<b>6.2</b>	<b>Environmental Precautions</b>	Do not let product enter drains												



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<b>7.0</b>	<b>Handling and Storage</b>	
<b>7.1</b>	<b>Handling advice</b>	<p>Ensure systems are in place to avoid muscular skeletal disorders when lifting / handling containers.</p> <p>Ensure storage systems are in place so stored product containers when stacked are stable and cannot fall into walkways.</p>
<b>7.2</b>	<b>Storage Advice</b>	<p>Store in a cool dry place and out of direct sunlight. Keep containers closed and when not in use – check regularly for spills</p>
<b>8.0</b>	<b>Exposure Controls / Personal Protection</b>	
<b>8.1</b>	<b>Occupational Exposure Limits</b>	<p>No value assigned for this specific material by the National Occupational Health and Safety Commission.</p> <p>However, Exposure Standard(s) for constituent(s), as published by the National Occupational Health and Safety Commission.</p> <p>Barium, soluble compounds (as Ba):                      8hr TWA* = 0.5 mg/m<sup>3</sup></p> <p>Tin, organic compounds (as Sn)                              8hr TWA = 0.1 mg/m<sup>3</sup></p> <p>Vinyl chloride, monomer:                                      8hr TWA = 13 mg/m<sup>3</sup> (5 ppm), Carcinogen Category 1*</p> <p>As published by the National Occupational Health and Safety Commission</p> <p>*TWA - The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life. *Carcinogen Category 1 - established human carcinogen. There is sufficient evidence to establish a causal association between human exposure and the development of cancer.</p> <p>These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.</p>
<b>8.2</b>	<b>Engineering Control Measures</b>	<p>Ensure ventilation is adequate and that air concentrations of components are controlled below quoted Exposure Standards. Avoid generating and breathing in dusts. Keep containers closed when not in use.</p>
<b>8.3</b>	<b>Personal Protective Equipment</b>	<p>OVERALLS, SAFETY SHOES, SAFETY GLASSES, GLOVES, DUST MASK.</p> <p>Wear overalls, safety glasses and impervious gloves. Always use personal protective equipment when handling the hot plastic melt due to the risk of contact burns.</p> <p>Wash hands before smoking, eating, drinking or using the toilet.</p> <p>Wash contaminated clothing and other protective equipment before storage or re-use.</p> <p>Avoid inhalation of processing fumes</p> <p>When inhalation risks exist from dust or fumes, wear a respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.</p>



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<b>9.0</b>	<b>Physical and Chemical Properties</b>	
	<b>Physical State</b>	Solid Plastic Granules
	<b>Colour</b>	Coloured or Clear
	<b>Solubility</b>	Insoluble in water
	<b>Specific Gravity</b>	1.1-1.7 @20°C
	<b>Relative Vapour Density (Air=1):</b>	Not Available
	<b>Vapour Pressure (20 °C):</b>	Not Applicable
	<b>Flash Point (°C):</b>	Not Applicable
	<b>Flammability Limits (%):</b>	Not Applicable
	<b>Autoignition Temperature (°C):</b>	Not Applicable
	<b>Melting Point/Range (°C):</b>	Not Available
	<b>Boiling Point/Range (°C):</b>	Not Applicable
	<b>Decomposition Point (°C):</b>	>200°C
	<b>pH:</b>	Not Applicable
	<b>Viscosity:</b>	Not Applicable
	<b>Explosive Properties:</b>	Not Applicable
	<b>Oxidizing Properties</b>	Not Applicable
<b>10.0</b>	<b>Stability and Reactivity</b>	
<b>10.1</b>	<b>Reactivity &amp; Chemical Stability</b>	Stable under normal temperatures and pressures
<b>10.2</b>		
<b>10.3</b>	<b>Possibility of Hazardous Reactions</b>	Not Applicable
<b>10.4</b>	<b>Conditions to Avoid</b>	Avoid contact with flames, sparks and other ignition sources. During processing do not mix with acetal or acetal copolymers and or amine containing materials in order to prevent rapid degradation of the PVC. Avoid contact with strong acids Avoid organic solvents which dissolve PVC
<b>10.5</b>	<b>Incompatible materials</b>	Not Applicable
<b>10.6</b>	<b>Hazardous Decomposition Products</b>	As per section 5.2



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<b>11.0</b>	<b>Toxicological Information</b>	
	<b>Information on toxicological effects</b>	
	a) <b>Acute Toxicity</b>	Not Determined. Swallowing can result in nausea, vomiting diarrhea and abdominal pain.
	b) <b>Skin corrosion/irritation</b>	Not Determined. Skin contact may result in irritation. Contact with HOT molten material may cause skin burns.
	c) <b>Serious eye damage</b>	Not Determined. Fumes from HOT molten material may be an eye irritant. Exposure to dust particulates may cause physical irritation and discomfort.
	d) <b>Respiratory or skin sensitisation</b>	Not Determined Inhalation of dust may result in respiratory irritation. During processing of HOT molten material, trace amounts of decomposition products may be released which may cause irritation to the respiratory tract.
	e) <b>Germ Cell mutagenicity</b>	Not Determined
	f) <b>Carcinogenicity</b>	Not Determined
	g) <b>Reproductive toxicity</b>	Not Determined
	h) <b>Specific Organ Toxicity (single exposure)</b>	Not Determined
	i) <b>Specific Organ Toxicity (repeated exposure)</b>	Not Determined
	j) <b>Aspiration Hazard</b>	Not Determined
<b>12.0</b>	<b>Ecological Information</b>	
12.1	• <b>Toxicity</b>	Not Determined
12.2	• <b>Persistence</b>	Not Determined
12.3	• <b>Bioaccumulative potential</b>	Not Determined
12.4	• <b>Mobility in Soil</b>	Not Determined
12.5	• <b>Results of PBT and vPvB assessment</b>	Not Determined
<b>13.0</b>	<b>Disposal Considerations</b>	
	<p>Refer to Waste Management Authority. Dispose of material through a licensed waste contractor. Normally suitable for disposal at approved land waste site.</p> <p>Welvic Vinyl Compounds and finished parts made with Welvic Vinyl Compounds may be suitable for recycling. Contact Welvic for further information.</p>	



# Safety Data Sheet

14.0	<b>Transport Information</b>						
<p><b>Road And Rail Transport</b></p> <p>Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.</p> <p><b>Marine Transport</b></p> <p>Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.</p> <p><b>Air Transport</b></p> <p>Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.</p>							
15.0	<b>Regulatory Information</b>						
<table><tr><td><b>Classification</b></td><td>Not classified as hazardous (NOHSC), based on available information and criteria.</td></tr><tr><td><b>Poisons Schedule</b></td><td>None Allocated</td></tr><tr><td><b>Chemical Register</b></td><td>All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).</td></tr></table>		<b>Classification</b>	Not classified as hazardous (NOHSC), based on available information and criteria.	<b>Poisons Schedule</b>	None Allocated	<b>Chemical Register</b>	All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).
<b>Classification</b>	Not classified as hazardous (NOHSC), based on available information and criteria.						
<b>Poisons Schedule</b>	None Allocated						
<b>Chemical Register</b>	All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).						
16.0	<b>Other Information</b>						
<p>This safety data sheet has been prepared by Welvic Australia Pty Ltd.</p> <p>This SDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace.</p> <p>Welvic Vinyl Compound - Flexible is formulated without the use of lead based stabiliser.</p> <p>Welvic Australia Pty Ltd makes no representation with regard to the completeness or accuracy of the information contained in this data sheet, and it accepts no responsibility for loss or damage whatsoever resulting from the use of, or reliance upon, the information and any recommendations herein. Welvic Australia Pty Ltd's products are sold on standard terms and conditions, a copy of which is available on request.</p> <p>If clarification or further information is needed, the user should contact their Welvic representative or Welvic Australia Pty Ltd using the contact details on page 1.</p>							