



8RG – RAGE GOLD 4KG BODY FILLER

8RG5 – RAGE GOLD 5 GALLON

Section 1: PRODUCT IDENTIFICATION

Product Name	Rage Gold	Other names	–
GPI Product code/s	8RG (4kg), 8RG5 (5 gallon)	Recommended use/s	Lightweight body filler.
Manufacturer	ITW Evercoat A division of Illinois Tool Works Inc. 6600 Cornell Road Cincinnati, Ohio 45242 USA Phone: 513 489 7600 www.evercoat.com	Importer/Supplier	GPI Automotive Products Pty. Ltd. 275 Wellington Road Mulgrave VIC 3150 Australia Phone: +61 3 8541 7500 Fax: +61 3 9562 0789 www.gpi.com.au
Emergency contact	Poisons Information Centre (Australia)	Phone: 13 11 26	www.austin.org.au/poisons

Section 2: HAZARD IDENTIFICATION

Hazard classification	HAZARDOUS SUBSTANCE	DANGEROUS GOODS	According to the Model WHS Regulations and the ADG Code.
Label elements			
Signal word	DANGER		

GHS Classification

Respiratory Sensitisation Category 1
 Skin Sensitisation Category 1
 Reproductive Toxicity Category 1B
 Specific Target Organ Systemic Toxicity (STOT) – Single Exposure Category 1
 Specific Target Organ Systemic Toxicity (STOT) – Repeated Exposure Category 1
 Skin Corrosion/Irritation Category 2
 Serious Eye Damage/Eye Irritation Category 2A
 Germ Cell Mutagenicity Category 2
 Carcinogenicity Category 2
 Flammable Liquid Category 3
 Hazardous to the Aquatic Environment – Acute Category 3

Hazard statements

H226: Flammable liquid and vapour.
 H315: Causes skin irritation.
 H317: May cause an allergic skin reaction.
 H319: Causes serious eye irritation.
 H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
 H341: Suspected of causing genetic defects.
 H351: Suspected of causing cancer.
 H360: May damage fertility or the unborn child.
 H370: Causes damage to organs.
 H372: Causes damage to organs through prolonged or repeated exposure.
 H402: Harmful to aquatic life.

Precautionary statements

P201: Obtain special instructions before use.
 P202: Do not handle until all safety precautions have been read and understood.
 P210: Keep away from heat/sparks/open flames/hot surfaces – no smoking.
 P233: Keep container tightly closed.
 P240: Ground/bond container and receiving equipment.
 P241: Use explosion-proof electrical/ventilating/lighting equipment.
 P243: Use only non-sparking tools.
 P260: Do not breathe dust/fumes/gas/mist/vapour/spray.
 P261: Avoid breathing dust/fumes/gas/mist/vapour/spray.
 P264: Wash thoroughly after handling.
 P270: Do not eat, drink or smoke when using this product.

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P272: Contaminated work clothing should not be allowed out of the workplace.
 P273: Avoid release to the environment.
 P280: Wear protective gloves/protective clothing/eye protection/face protection.
 P281: Use personal protective equipment as required.
 P285: In case of inadequate ventilation wear respiratory protection.
 P302+P352: IF ON SKIN: Wash with plenty of soap and water.
 P303+P361+P353: IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
 P304+P342+P340: IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P308+P311: IF exposed or concerned: Call a POISON CENTRE or doctor/physician.
 P308+P313: IF exposed or concerned: Get medical advice/attention.
 P314: Get medical advice/attention if you feel unwell.
 P321: Specific treatment (see on this label).
 P332+P313: If skin irritation occurs: Get medical advice/attention.
 P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
 P337+P313: If eye irritation persists: Get medical advice/attention.
 P342+P311: If experiencing respiratory problems: Call a POISON CENTRE or doctor/physician.
 P362+P363: Take off contaminated clothing and wash before reuse.
 P363: Wash contaminated clothing before reuse.
 P370: In case of fire: Use ALCOHOL RESISTANT FOAM for extinction.
 P403+P235: Store in a well-ventilated place. Keep cool.
 P405: Store locked up.
 P501: Dispose of contents in accordance with local/regional/national/international regulation for hazardous wastes.

Hazards not otherwise classified

Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage.

Section 3: CHEMICAL COMPOSITION

Ingredient name	Synonym/s	CAS number	Proportion (% weight)
Styrene	–	100-42-5	10 – 30
Titanium dioxide	–	13463-67-7	0.1 – 1
Acid anhydride	–	85-43-8	0.1 – 1
Ingredients determined not to be hazardous			to 100

* The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

Section 4: FIRST AID MEASURES

Route of exposure	Symptoms caused by exposure	Description of necessary first aid measures
Eye contact	Can cause moderate irritation, tearing and reddening, but not likely to permanently injure eye tissue. Contact with liquid or vapour may result in irritation, redness, tearing or blurred vision.	Flush eyes with plenty of water for at least 20 minutes retracting the eyelids often. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention. Flush eyes gently with water for at least 15 minutes, lifting upper and lower eyelids. Seek immediate medical attention.
Skin contact Skin absorption	Can cause minor skin irritation, defatting and dermatitis. No absorption hazard in normal industrial use. Causes skin irritation. Contact may cause irritation and possible dermatitis or sensitisation. Symptoms may include redness, burning, drying and cracking of skin, and skin burns.	Wash with soap and water. Get medical attention if irritation develops or persists. Remove contaminated clothing and continue flushing with water. Wash affected area thoroughly with soap and water. Seek immediate medical attention. Wash clothing before reuse.
Inhalation	Can cause moderate respiratory irritation, dizziness, weakness, fatigue, nausea and headache. Excessive inhalation of vapours may cause nasal and respiratory irritation, acute nervous system depression, fatigue, weakness, nausea, headache and dizziness. Airborne overexposure well above the PEL may result additionally in eye irritation, headache, chemical bronchitis, asthma-like findings or pulmonary oedema.	Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen. If not breathing, give artificial respiration and have a trained individual administer oxygen. Get medical attention immediately. If symptoms develop, immediately move individual away from exposure and into fresh air. Get medical attention immediately. Keep the victim warm and quiet. If the victim has stopped breathing open airway, loosen collar and belt, and administer artificial respiration. If breathing is difficult, oxygen may be beneficial if administered by trained personnel, preferably on a doctor's advice.



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Section 4: FIRST AID MEASURES (continued)

<p>Ingestion</p>	<p>Irritating to mouth, throat and stomach. Can cause abdominal discomfort, nausea, vomiting, diarrhoea and possible ulcerations to mucous membranes. Aspiration of material into the lungs can cause chemical pneumonitis which can be fatal. Harmful if swallowed. May cause systemic poisoning.</p>	<p>Do not induce vomiting and seek medical attention immediately. Drink two glasses of water or milk to dilute. Provide medical care provider with this SDS. Call a physician or poison control centre immediately. Do not induce vomiting unless directed to do so by medical personnel. If individual is drowsy or unconscious, do not give anything by mouth; place individual on left side with head down. If possible, do not leave individual unattended. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs.</p>
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Medical attention and special treatment No addition first aid information available.

Section 5: FIRE FIGHTING MEASURES

<p>Suitable extinguishing media</p>	<p>Alcohol-resistant foam, carbon dioxide, dry chemical extinguishing agents. Water may be ineffective but water spray can be used to extinguish a fire if swept across the base of the flames. Water can absorb heat and keep exposed material from being damaged by fire.</p>
<p>Specific hazards arising from the chemical</p>	<ul style="list-style-type: none"> Hazardous combustion products: carbon monoxide, carbon dioxide, styrene oxide, hydrocarbons.
<p>Special protective equipment and precautions for fire fighters</p>	<ul style="list-style-type: none"> Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Fight fire from a safe distance and a protected location due to the potential of hazardous vapours and decomposition products. Water may be used to cool closed containers to prevent pressure build-up and possible auto-ignition or explosion when exposed to extreme heat. Wear a self-contained breathing apparatus (NIOSH approved) with a full face piece operated in the positive pressure demand mode with appropriate turn-out gear and chemical-resistant personal protective equipment.
<p>Fire/explosion hazard</p>	<ul style="list-style-type: none"> Vapours may be ignited by sparks, flames or other sources of ignition if material is above the flash point giving rise to a fire. Vapours are heavier than air and may travel to a source of ignition and flash back.

Section 6: ACCIDENTAL RELEASE MEASURES

	Minor spills	Major spills
<p>Personal precautions, protective equipment and emergency procedures</p>	<ul style="list-style-type: none"> No health effects expected from the clean-up of this material if contact can be avoided. Follow personal protective equipment recommendations found in Section 8 of this SDS. 	<p>Same as for small spills.</p>
<p>Environmental precautions</p>	<p>–</p>	<p>–</p>
<p>Methods and materials for containment and cleaning up</p>	<ul style="list-style-type: none"> No special spill clean-up considerations. Collect and discard in regular trash. Shut off ignition sources; including electrical equipment and flames. Do not allow smoking in the area. Activate available exhaust ventilation equipment in the immediate spill area. All personnel in the area should be protected as outlined in Section 8. Avoid breathing vapours. Use an inert absorbent such as sand or vermiculite. Place in properly labeled closed container. 	<p>Same as for small spills.</p>



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Section 7: HANDLING AND STORAGE

Precautions for safe handling	<ul style="list-style-type: none"> Mildly irritating material. Avoid unnecessary exposure. All hazard precautions given in the SDS must be observed. Do not get in eyes, on skin and clothing. Wash hands before eating. Use with adequate ventilation. Avoid contact with material, avoid breathing dusts or fumes, use only in a well-ventilated area. Do not take internally. Keep container closed when not in use. Keep out of the reach of children.
Conditions for safe storage	<ul style="list-style-type: none"> Store in a cool, dry place. Isolate from incompatible materials. Keep product away from heat, sparks and flame. Store in a tightly closed container. Avoid contact with incompatible materials. For maximum product quality, avoid prolonged storage at temperatures above 25°C.
Storage incompatibilities	Peroxides, strong acids, strong oxidising agents, polymerisation catalysts.
Other information	–

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Workplace exposure standards	TWA (time-weighted average)		STEL (short-term exposure limits)		Notes
	mg/m ³	ppm	mg/m ³	ppm	
Styrene	–	20	170	40	–
Appropriate engineering controls	No exposure limits exist for the constituents of this product. Use local exhaust ventilation or other engineering controls to minimise exposures and maintain operator comfort. General or local ventilation or isolation may prove adequate to keep airborne exposures below exposure limits. Explosion-proof exhaust ventilation should be used.				
Personal protective equipment					
Eye and face protection	<ul style="list-style-type: none"> Wear chemically resistant safety glasses with side shields when handling this product. Do not wear contact lenses. Splash-proof chemical goggles are recommended to protect against the splash of product. 				
Skin protection	<ul style="list-style-type: none"> Not normally considered a skin hazard. Where use can result in skin contact, practice good personal hygiene and wear a barrier cream and/or impervious surgical style gloves. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work. Protective gloves and proper clothing should be worn to prevent skin contact. Gloves should be made of neoprene or natural rubber. To prevent repeated or prolonged skin contact, wear impervious clothing and boots. A barrier cream may be used for additional skin protection. 				
Respiratory protection	<ul style="list-style-type: none"> Respiratory protection may be required to avoid overexposure when handling this product. General or local exhaust ventilation is the preferred means of protection. Use a respirator if general room ventilation is not available or sufficient to eliminate symptoms. Use a NIOSH approved respirator designed to remove particulate matter and organic solvent vapours. 				
Other protection	<ul style="list-style-type: none"> Splash-proof chemical goggles are recommended to protect against the splash of the product. Protective gloves and proper clothing should be worn to prevent skin contact. Gloves should be made of neoprene or natural rubber. To prevent repeated or prolonged skin contact, wear impervious clothing and boots. 				

**8RG – RAGE GOLD 4KG BODY FILLER****8RG5 – RAGE GOLD 5 GALLON****Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION (continued)**

Hygiene measures	<ul style="list-style-type: none"> All hazard precautions given in this SDS must be observed. Do not get in eyes, on skin and clothing. Wash hands before eating. Use with adequate ventilation. Avoid contact with material, avoid breathing dusts or fumes, use only in a well-ventilated area. Do not take internally. Keep container closed when not in use. Keep out of the reach of children.
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Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/physical state	Grey liquid	Relative density (water = 1)	1.2
Odour	Aromatic	Solubility	Insoluble
Odour threshold	–	Partition coefficient: n-octanol/water	1.36
pH	Neutral	Auto-ignition temperature	490°C
Melting point/freezing point	–	Decomposition temperature	–
Boiling point/boiling range	145°C	Viscosity	120,000 – 138,000
Flash point	38.5°C	VOC (as packaged-less exempts and water)	1.48 or 178
Evaporation rate	–	VOC (as applied*-2% by wt hardener- less exempts and water)	0.28 or 34
Flammability	–	Percent solids by weight – as packaged	85.00
Upper/lower flammability limits	Lower: 1.1% Upper: 6.1%	Percent solids by weight – as applied* – 2 % by wt hardener	97.00
Vapour pressure	5 mmHg @ 20°C	VHAP content by weight – as packaged	17
Vapour density (air = 1)	>1 Vapours that evolve from this product will tend to settle and accumulate near the floor.	VHAP content by weight – as applied* – 2 % by wt hardener	3.2

Section 10: STABILITY AND REACTIVITY

Reactivity	–
Chemical stability	Stable under normal conditions.
Conditions to avoid	None known. Contamination.
Incompatible materials and possible hazardous reactions	Peroxides, strong acids, strong oxidising agents, polymerisation catalysts.
Hazardous decomposition products	Carbon monoxide, carbon dioxide, styrene oxide, hydrocarbons.

Section 11: TOXICOLOGICAL INFORMATION

Ingredient	Toxicity	Irritation
–	–	–
Chronic health effects from exposure	Inhalation – upon prolonged or repeated exposure, can cause moderate respiratory irritation, dizziness, weakness, fatigue, nausea and headache. Skin contact – can cause minor skin irritation, defatting and dermatitis. Skin absorption – no hazard in normal industrial use.	
Reprotoxicity	May damage fertility or the unborn child.	
Mutagenicity	Suspected of causing genetic defects.	
Carcinogenicity	Suspected of causing cancer. The International Agency for Research on Cancer (IARC) has classified styrene as a Group 2B carcinogen (possibly carcinogenic to humans).	



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Section 12: ECOLOGICAL INFORMATION

Ecotoxicity	Toxic to aquatic life.
Persistence and degradability	No data available.
Bioaccumulative potential	No data available.
Mobility in soil	No data available.
Other adverse effects	No data available.

Section 13: DISPOSAL CONSIDERATIONS

Disposal methods	Spent or discarded material is a hazardous waste. Dispose of by incineration following federal, state, local or provincial regulations.
Disposal of contaminated packaging	–
Environmental regulations	–

Section 14: TRANSPORT INFORMATION

Labels required		HAZCHEM code	3Y
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Regulation	UN number	Proper shipping name	DG Class	Packing Group	Notes
ADG (road)	3269	POLYESTER RESIN KIT	3	III	
ADR (rail)	3269	POLYESTER RESIN KIT	3	III	
IMDG (sea)	3269	POLYESTER RESIN KIT	3	III	
IATA (air)	3269	POLYESTER RESIN KIT	3	III	

Section 15: REGULATORY INFORMATION

Safety, health and environmental regulations specific for the product	
Australian Inventory of Chemical Substances	All ingredients are listed or exempted.
Poisons schedule number	–

Section 16: OTHER INFORMATION

Date of SDS preparation	01/08/2019	This SDS is valid for 5 years from the date of preparation
Key abbreviations or acronyms used	CAS DG IARC LC50 LD50 PEL STEL TWA	Chemical Abstracts Service. Dangerous Goods. International Agency for Research on Cancer The lethal concentration required to kill 50 percent of a population of test animals. The amount of a toxic agent (as a poison, virus, or radiation) that is sufficient to kill 50 percent of a population of test animals usually within a certain time – also called the median lethal dose. Permissible exposure limit. Short-term exposure limits. Time-weighted average.
Notice to reader	<p>All reasonably practicable steps have been taken to ensure this data sheet and the health, safety and environmental information contained in it is accurate as of the date prepared (above). No warranty or representation, express or implied is made as to the accuracy or completeness of the data and information in this data sheet.</p> <p>The data and advice given apply when the product is sold for the stated application or applications. You should not use the product other than for the stated application or applications without seeking advice from us.</p> <p>It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. The GPI Group and GPI Automotive Products shall not be responsible for any damage or injury resulting from use, other than the stated product use of the material, from any failure to adhere to recommendations, or from any hazards inherent in the nature of the material. Purchasers of this product for supply to a third party for use at work, have a duty to take all necessary steps to ensure that any person handling or using the product is provided with the information in this sheet. Employers have a duty to tell employees and others who may be affected by the hazards described in this sheet and of any precautions that should be taken.</p>	

END OF SDS