


**HCPS – CAM 2KG POLYESTER STOP PUTTY****Section 1: PRODUCT IDENTIFICATION**

Product Name	CAM Ultra Fine	Other names	–
GPI Product code/s	HCPS	Recommended use/s	Knife filler/surfacers.
Supplier	Sydney Automotive Paints and Equipment Pty. Ltd. Unit A3, 366 Edgar Street Condell Park NSW 2200 Australia Phone: +61 2 9772 9000 Fax: +61 2 9772 9001 www.sape.com.au	Distributor	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 CHEMICAL	DANGEROUS GOODS	According to the Model WHS Regulations and the ADG Code.
Label elements			
Signal word	DANGER		
Hazard statements	H226: Flammable liquid and vapour. H315: Causes skin irritation. H319: Causes serious eye irritation. H361d: Suspected of damaging the unborn child. H372: Causes damage to the organs through prolonged or repeated exposure. Route of exposure: inhalative.		
Precautionary statements	P101: If medical advice is needed, have product container or label at hand. P102: Keep out of reach of children. P201: Obtain special instructions before use. P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P260: Do not breathe mist/vapours/spray. P280: Wear protective gloves/protective clothing/eye protection/face protection. 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+P313: IF exposed or concerned: Get medical advice/attention. P405: Store locked up. P501: Dispose of contents/container in accordance with local regulations.		

Section 3: CHEMICAL COMPOSITION

Ingredient name	Synonym/s	CAS number	Proportion (% weight)
Styrene	–	100-42-5	10 – <20
Ingredients determined not to be hazardous			to 100

Section 4: FIRST AID MEASURES

General information	Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident. Personal protection for the First Aider. Take affected persons out of danger area and lay down. In case of irregular breathing or respiratory arrest provide artificial respiration. Immediately remove any clothing soiled by the product.	
Route of exposure	Symptoms caused by exposure	Description of necessary first aid measures
Eye contact	Causes serious eye irritation.	Rinse opened eye for several minutes under running water, then consult a doctor. Call a doctor immediately.
Skin contact	Causes skin irritation.	Immediately wash with water and soap and rinse thoroughly. If skin irritation occurs, consult a doctor.
Inhalation	–	Supply fresh air or oxygen; call for doctor. In case of unconsciousness place patient stably in side position for transportation.
Ingestion	–	Do not induce vomiting; call for medical help immediately.



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Section 5: FIRE FIGHTING MEASURES

Suitable extinguishing media	CO2, powder or water spray. Fight larger fires with water spray.	Specific hazards arising from the chemical	Formation of toxic gases is possible during heating or in case of fire.
Special protective equipment and precautions for fire fighters	Wear self-contained respiratory protective device. Do not inhale explosion gases or combustion gases.	Fire/explosion hazard	Cool endangered receptacles with water spray. Collect contaminated fire-fighting water separately. It must not enter the sewage system. Dispose of fire debris and contaminated fire-fighting water in accordance with official regulations.

Section 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Wear protective equipment. Keep unprotected persons away. Avoid contact with the eyes and skin. Ensure adequate ventilation. Do not inhale gases / fumes / aerosols. Keep away from ignition sources.
Environmental precautions	Inform authorities in case of seepage into water course or sewage system. Do not allow to enter sewers/surface or ground water.
Methods and materials for containment and cleaning up	Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Do not flush with water or aqueous cleansing agents. Dispose of the material collected according to regulations.

Section 7: HANDLING AND STORAGE

Precautions for safe handling	Keep receptacles tightly sealed. Ensure good ventilation/exhaustion at the workplace. Do not inhale gases/fumes/aerosols. Avoid contact with the eyes and skin. Keep ignition sources away – do not smoke. Fumes can combine with air to form an explosive mixture. Protect against electrostatic charges. Use explosion-proof apparatus/fittings and spark-proof tools. Ground/bond container and receiving equipment.
Conditions for safe storage	Store only in the original receptacle. Store away from oxidising agents. Store away from foodstuffs. Store in cool, dry conditions in well-sealed receptacles. Store receptacle in a well-ventilated area. Protect from heat and direct sunlight. Keep ignition sources away – do not smoke. Recommended storage temperature: <30°C
Storage incompatibility	–

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	430	100	1080	250	–
Appropriate engineering controls	–				
General protective and hygienic measures	Do not inhale gases/fumes/aerosols. Avoid contact with the eyes and skin. Wash hands before breaks and at the end of work. Keep away from foodstuffs, beverages and feed. Do not eat, drink, smoke or sniff while working. Store protective clothing separately. Immediately remove all soiled and contaminated clothing. After contact with skin, wash immediately with plenty of soap and water. Take off contaminated clothing. Use skin protection cream from skin protection.				

**HCPS – CAM 2KG POLYESTER STOP PUTTY****Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION (continued)**

Eye and face protection	Tightly sealed goggles.
Skin protection	<p>Protective gloves. The glove material has to be impermeable and resistant to the product/the substance/the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation. Check the permeability prior to each renewed use of the glove. Preventative skin protection by use of skin-protecting agents is recommended.</p> <p>Material of gloves: Fluorocarbon rubber (Viton) Recommended thickness of the material: ≥ 0.4 mm</p> <p>The material of the selected gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.</p> <p>Penetration time of glove material: Value for the permeation: Level ≤ 6 (≥ 480 min). The exact breakthrough time has to be found out by the manufacturer of the protective gloves and has to be observed.</p> <p>Not suitable are gloves made of the following materials: Natural rubber (NR), Chloroprene rubber (CR), Nitrile rubber (NBR), Butyl rubber (BR), PVC gloves.</p>
Body protection	Protective work clothing.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/physical state	White paste	Density @ 20°C	1.7 g/cm ³
Odour	Characteristic	Solubility	Not miscible or difficult to mix
Odour threshold	–	Partition coefficient: n-octanol/water	–
pH	–	Ignition temperature	480°C
Melting point/freezing point	–	Decomposition temperature	–
Boiling point/boiling range	145°C	Viscosity	–
Flash point	31°C	Specific heat value	–
Evaporation rate	–	Particle size	–
Flammability	–	Volatile organic compounds content	–
Upper/lower flammability limits	1.2 – 8.9 v/v	% volatile	–
Vapour pressure @ 20°C	6 hPa	Saturated vapour concentration	–
Vapour density (air = 1)	–	Release of invisible flammable vapours and gases	–
Danger of explosion	Product is not explosive. However, formation of explosive air/vapour mixtures is possible.		

Section 10: STABILITY AND REACTIVITY

Reactivity	No decomposition if used and stored according to specifications.
Chemical stability	No decomposition if used and stored according to specifications.
Conditions to avoid	Protect from heat. Avoid naked flames, sparks, other ignition sources and sunlight.
Incompatible materials and possible hazardous reactions	Reacts with peroxides and other radical forming substances. Exothermic polymerisation.
Hazardous decomposition products	Formation of toxic gases is possible during heating or in case of fire.

Section 11: TOXICOLOGICAL INFORMATION

Ingredient	Toxicity	Irritation
Styrene	Oral (rat) LD50: 5000 mg/kg Dermal (rat) LD50: >2000 mg/kg	Inhalation (rat) LC50: 11.8 mg/L/4hrs
Chronic health effects from exposure	Causes damage to the hearing organs through prolonged or repeated exposure (inhalation).	
Reproductive toxicity	Suspected of damaging the unborn child. Reproductive toxicity Category 2.	
Carcinogenicity	Based on the available data, the classification criteria are not met.	


**HCPS – CAM 2KG POLYESTER STOP PUTTY****Section 12: ECOLOGICAL INFORMATION**

Ecotoxicity	Styrene EC10/96hrs: 0.28 mg/L (<i>Pseudokirchneriaella subcapitata</i>) EC50/0.5hrs: ~500 mg/L (activated sludge) EC50/48hrs: 4.7 mg/L (<i>Daphnia magna</i>) EC50/72hrs: 4.9 mg/L (<i>Pseudokirchneriaella subcapitata</i>) LC50/96hrs: 4.02 mg/L (<i>Pimephales promelas</i>) NOEC: 1.01 mg/L (<i>Daphnia magna</i>)
Persistence and degradability	Styrene Biodegradation: 70.9% (activated sludge)
Bioaccumulative potential	Styrene BCF: 74 (calculated); 13.5 (fish) log Pow: 2.95 (-)
Mobility in soil	Styrene Koc: 352 (-) log Koc: 2.55 (-)
General notes	Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground.

Section 13: DISPOSAL CONSIDERATIONS

Disposal methods	Must not be disposed together with household garbage. Do not allow product to reach sewage system.
Disposal of contaminated packaging	Disposal must be made according to official regulations.
Environmental regulations	–

Section 14: TRANSPORT INFORMATION

Labels required		HAZCHEM code	2Y		
Regulation	UN number	Proper shipping name	DG Class	Packing Group	Notes
ADG (road)	1866	Resin Solution	3	III	–
ADR (rail)	1866	Resin Solution	3	III	LQ: 5L Transport category: 3 Tunnel restriction code: D/E
IMDG (sea)	1866	Resin Solution	3	III	Warning: Flammable liquids Danger Code (Kemler): 30 EMS Number: F-E,S-E
IATA (air)	1866	Resin Solution	3	III	

Section 15: REGULATORY INFORMATION

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



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Section 16: OTHER INFORMATION

Date of SDS preparation	01/07/2019	This SDS is valid for 5 years from the date of preparation
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