


CRAFTERS CHOICE TACKY GLUE

Safety Data Sheet

1. Identification

GHS Product Identifier	CRAFTERS CHOICE TACKY GLUE
Company Name	Shamrock Australia Pty Ltd
Address	21-23 Joseph Street Blackburn North Victoria, 3130 Australia
Telephone/Fax Number	Phone: +61 3 9895 4300 Fax: +61 3 9895 4399
Emergency Phone Number	24 hours
Recommended use of the chemical and restrictions on use	Water based adhesive.
Other Information	This SDS summarises to the best of our knowledge the health and safety hazard information of the product and how to safely handle and use the product in the workplace.

2. Hazard(s) Identification

GHS Classification of the substance/mixture	Hazardous according to the criteria of Safe Work Australia Skin Sensitiser - Category 1	
Signal Word(s)	Warning	
Hazard Statement(s)	H317 May cause and allergic skin reaction	
Precautionary Statement - Prevention	P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P272 Contaminated work clothing should not be allowed out of the workplace. P280 Wear protective gloves, eye protection, and face protection.	
Precautionary Statement - Response	P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P363 Wash contaminated clothing before reuse.	
Precautionary Statement - Storage	Store locked up.	
Precautionary Statement - Disposal	P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations.	
Classification of material	Xi-Irritant	
Risk Phrases	R43 May cause sensitisation by skin contact.	
Safety Phrases	S24/25 Avoid contact with skin and eyes. S28 After contact with skin, wash immediately with plenty of water. S36/37 Wear suitable protective clothing and gloves. S46 If swallowed, seek medical advice immediately and show this container or label.	
Dangerous Goods Information	Not classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).	

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Signal Word HAZARDOUS

3. Composition/Information on Ingredients

Chemical Characterization Mixture
Ethylene-vinyl acetate copolymer

Type of Preparation Plastic dispersion, water-based

Chemical Ingredients	CAS No.	Proportion
Ethyl acetate	141-78-6	< 5%
Mixture, 3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone	55965-84-9	< 0.06%
non hazardous ingredients~		60-100%

4. First-Aid Measures

Ingestion Rinse out mouth. Do not drink.
In case of adverse health effects seek medical advice.

Skin Rinse with running water and soap.
If symptoms develop and persist, get medical attention.

Eye Contact Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.

Inhalation Move to fresh air. If symptoms persist, seek medical advice.

First Aid facilities Eye wash
Normal washroom facilities

Medical attention and special treatment: Treat symptomatically.

5. Fire-Fighting Measures

Suitable extinguishing media Extinguish using agent suitable for type of surrounding fire.

Combustion behaviour The product does not support combustion in any way.

Decomposition products in case of fire Carbon oxides
Irritating organic vapours.

Special protective equipment for fire-fighters Wear protective equipment.
Wear self-contained breathing apparatus.

6. Accidental Release Measures

Personal precautions See advice in section 8
Danger of slipping on spilled product.

Environmental precautions Do not empty into drains / surface water / ground water.

Clean-up methods For small spills wipe up with paper towel and place in container for disposal.

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7. Handling and Storage

Precautions for safe handling	See advice in section 8 Wear suitable protective clothing, gloves and eye/face protection.
Conditions for safe storage	Store in a cool, well-ventilated place. Keep container tightly sealed and store in a frost free place. Protect from freezing.

8. Exposure Controls/Personal Protection

National Exposure Standard

Ingredient [Regulated substance]	Form of Exposure	TWA (ppm)	TWA (mg/m3)	Peak Limit. (ppm)	Peak Limit. (mg/m3)	STEL (ppm)	STEL (mg/m3)
Ethyl Acetate 141-78-6						400	1440
Ethyl Acetate 141-78-6		200	720				

Engineering controls	Ensure good ventilation/extraction .
Eye protection	Safety glasses.
Skin protection	Use of protective coveralls and long sleeves is recommended. Protective gloves made of rubber. Please note that in practice the working life of chemical resistant gloves may be considerably reduced as a result of many influencing factors (e.g. temperature). Suitable risk assessment should be carried out by the end user. If signs of wear and tear are noticed then the gloves should be replaced.
Respiratory protection	If inhalation risk exists, wear a respirator or air supplied mask complying with the requirements of AS/NZS 1715 and AS/NZS 1716.

9. Physical and Chemical Properties and Safety Characteristics

Appearance	White Emulsion
Odour	Mild, Solvent
pH	4.0 – 5.0
Boiling Point	100°C (212°F)
Flash Point	35°C (95°F) (;; Flash Point, Pensky-Martens)

10. Stability and Reactivity

Stability	Stable under normal conditions of temperature and pressure.
Conditions to avoid	Excessive heat. Freezing conditions.

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Incompatible materials None known

Hazardous decomposition products Carbon dioxide, carbon monoxide and irritating and/or toxic gases and particulate may be generated by thermal decomposition or combustion.

11. Toxicological Information

Health Effects:

Ingestion Ingestion of large amounts may produce gastrointestinal disturbances including irritation, nausea, and diarrhoea.

Skin contact Prolonged or repeated contact may cause irritation.
May cause skin sensitization.

Eye contact May cause mild irritation

Inhalation Inhalation of mist or spray may cause irritation of the respiratory tract and nasal passages.

Acute toxicity:						
Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
Ethyl acetate 141-78-6	LD50 LC50 LD50	6,100 mg/kg 200 mg/l >20,000 mg/kg	Oral Inhalation Dermal	1 h	Rat Rat rabbit	Draize Test
Mixture, 3(2H)- Isothiazolone, 5-chloro-2- methyl-, mixt. with 2-methyl- 3(2H)-isothiazolone 55965-84-9	LD50 LD50	53 mg/kg 660 mg/kg	Oral Dermal		Rat Rabbit	Not specified

Skin corrosion/irritation:				
Hazardous components CAS-No.	Result	Exposure time	Species	Method
Ethyl acetate 141-78-6	Slightly irritating	24 h	Rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)
Mixture, 3(2H)- Isothiazolone, 5-chloro- 2-methyl-, mixt. with 2- methyl-3(2H)- isothiazolone 55965-84-9	Corrosive			

Serious eye damage/irritation:				
Hazardous components CAS-No.	Result	Exposure time	Species	Method
Ethyl acetate 141-78-6	Slightly irritating		Rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)

Respiratory or skin sensitization:				
Hazardous components CAS-No.	Result	Test type	Species	Method
Ethyl acetate 141-78-6	Not sensitising	Guinea pig maximisation test	Guinea pig	OECD Guideline 406 (Skin Sensitisation)
Mixture, 3(2H)- Isothiazolone, 5-chloro-2- methyl-, mixt. with 2-	Sensitising		Guinea pig	

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methyl-3(2H)-isothiazolone 55965-84-9				
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Germ cell mutagenicity:					
Hazardous components CAS-No.	Result	Type of study/Route of administration	Metabolic activation/Exposure time	Species	Method
Ethyl acetate 141-78-6	Negative Negative	bacterial reverse mutation assay (e.g Ames test) in vitro mammalian chromosome aberration test	with and without with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay) OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)
Mixture, 3(2H)-Isothiazolone, 5- chloro-2-methyl-, mixt. with 2- methyl-3(2H)-isothiazolone 55965-84-9	Negative	Oral: gavage		Hamster, chinese	OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test)

Repeated dose toxicity:					
Hazardous components CAS-No.	Result	Route of application	Exposure time/frequency of treatment	Species	Method
Ethyl acetate 141-78-6	NOAEL=900 mg/kg	oral: gavage	90 daily	Rat	EPA OTS 795.2600 (Subchronic Oral Toxicity Test)
Mixture, 3(2H)- Isothiazolone, 5-chloro-2- methyl-, mixt. with 2- methyl-3(2H)-isothiazolone 55965-84-9	NOAEL=1.28 mg/l	Inhalation	94 continuous	Rat	EPA OTS 798.2450 (90-Day Inhalation Toxicity)

12. Ecological Information

General ecological information

Do not empty into drains / surface water / ground water.

Ecotoxicity

Harmful to aquatic life with long lasting effects.

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Hazardous components CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
Ethyl acetate 141-78-6	LC50	270 mg/l	Fish	48 h	Leuciscus idus melanotus	DIN 38412-15
Ethyl acetate 141-78-6	EC50	164 mg/l	Daphnia	48 h	Daphnia cucullata	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Ethyl acetate 141-78-6	EC50	>2,000 mg/l	Algae	96 h	Selenastrum capricornutum (new name: Pseudokirchnerella subcapitata)	OECD Guideline 201 (Alga, Growth Inhibition Test)
Ethyl acetate 141-78-6	NOEC	2,000 mg/l	Algae	96 h	Selenastrum capricornutum (new name: Pseudokirchnerella subcapitata)	OECD Guideline 201 (Alga, Growth Inhibition Test)
Ethyl acetate 141-78-6	EC10	2,900 mg/l	Bacteria	18 h		
Mixture, 3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone 55965-84-9	LC50	0.22 mg/l	Fish	96 h	Oncorhynchus mykiss	OECD Guideline 203 (Fish, Acute Toxicity Test)
Mixture, 3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone 55965-84-9	NOEC	0.098 mg/l	Fish	28 h	Oncorhynchus mykiss	OECD 210 Guideline (fish early lite stage toxicity test)
Mixture, 3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone 55965-84-9	EC50	0.048 mg/l	Algae	72 h	Pseudokirchnerella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)
Mixture, 3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone 55965-84-9	NOEC	0.0012 mg/l	Algae	72 h	Pseudokirchnerella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)
Mixture, 3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone 55965-84-9	EC10	0.59 mg/l	Bacteria	16 h		

Persistence and degradability:

Hazardous components CAS-No.	Result	Route of application	Degradability	Method
Ethyl acetate 141-78-6	Readily biodegradable	Aerobic	100%	OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test)
Mixture, 3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone 55965-84-9			97%	OECD Guideline 302 B (Inherent biodegradability: Zahn-Wellens/EMPA Test)
Mixture, 3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone 55965-84-9	Readily biodegradable	Aerobic	>60%	OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test)

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Bioaccumulative potential / Mobility in soil:

Hazardous components CAS-No.	LogKow	Bioconcentration factor (BCF)	Exposure time	Species	Temperature	Method
Ethyl acetate 141-78-6	0.6					OECD Guideline 107 (Partition Coefficient (n- octanol / water), Shake Flask Method)
Mixture, 3(2H)- Isothiazolone, 5-chloro-2- methyl-, mixt. with 2- methyl-3(2H)-isothiazolone 55965-84-9		3.6		calculation		
Mixture, 3(2H)- Isothiazolone, 5-chloro-2- methyl-, mixt. with 2- methyl-3(2H)-isothiazolone 55965-84-9	-0.71 – 0.75				20°C	OECD Guideline 117 (Partition Coefficient (n- octanol / water), HPLC Method)

13. Disposal Considerations

- Waste disposal of product** Dispose of in accordance with local and national regulations.
- Recommended cleanser** Clean the packaging with water.
- Disposal for uncleaned package** Collection and delivery to recycling enterprise or other registered elimination institution.

14. Transport Information

- Road and Rail Transport:**
Dangerous Goods information Not classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).
- General information** Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

15. Regulatory Information

- SUSMP Poisons Schedule** None
- AICS** All components are listed or are exempt from listing on the Australian Inventory of Chemical Substances (AICS).

16. Other Information

- Date of preparation or last revision of SDS** 29/4/16
- Contact Person/Point** Shamrock Australia Pty Ltd
Phone: +61 3 9895 4300 (International)
Fax: +61 3 9895 4399 (International)

Poisons Information Centre

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13 11 26 (Australia)

0800 764 766 (New Zealand)

IMDG: International Maritime Dangerous Goods code

IATA-DGR: International Air Transport Association – Dangerous Goods Regulations

ADGC - Australian Dangerous Goods Code

STEL - Short term exposure limit

TWA - Time weighted average

The information and recommendations set down here in this document are presented in good faith and to the best of Shamrock Australia's knowledge. Shamrock Australia Pty Ltd cannot predict or control all conditions of use or handling of this product and each user must review this document in the context of the conditions under which they intend to handle and use this product. It is the responsibility of the user to ensure a proper assessment has been carried out. No representations or warranties, either expressed or implied, or merchantability, fitness for purpose or any other nature are made hereunder with respect to the product to which this information refers.