



Safety Data Sheet QUICK CURE

Supersedes Date MARCH 2017

Issuing Date JUNE 2020

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name QUICK CURE

Recommended use Epoxy resin

Manufacturer, importer, supplier

NCH AUSTRALIA PTY LTD

N2, 391, PARK ROAD, REGENTS PARK, NSW 2143

Telephone inquiry

+61-2-96690260

Emergency Telephone Number

+61-2-96690237/0401718972

Fax number

+61-2-96931562

Product Code 5636

Chemical nature Epoxy

Distributor

NCH AUSTRALIA

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2. HAZARD IDENTIFICATION

Colour Grey

Physical state Solid

Odour Pungent

GHS

Classification

Physical Hazards

None

Health Hazard

Skin Corrosion/Irritation

Serious Eye Damage/Eye Irritation

Skin sensitization

Category 2

Category 2A

Category 1

Other Hazards

None

Labelling

Signal Word Warning



Hazard Statements

H315 - Causes skin irritation

H317 - May cause an allergic skin reaction

H319 - Causes serious eye irritation

Precautionary Statements

P264 - Wash face, hands and any exposed skin thoroughly after handling.

P280 - Wear protective gloves, protective clothing and eye protection.

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water

P332 + P313 - If skin irritation occurs, get medical attention.

P363 - Wash contaminated clothing before reuse.

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 - If eye irritation persists, get medical attention.

P333 + P313 - If skin irritation or rash occurs, get medical attention

P501 - Dispose of contents and container in accordance with applicable local regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Weight %
Talc, respirable dust	14807-96-6	30-60
Diglycidyl ether of bisphenol A	25085-99-8	10-30
Calcium magnesium carbonate	16389-88-1	5-10
Phenol polymer with Formaldehyde	28064-14-4	3-7
Iron oxide	1309-37-1	3-7

4. FIRST AID MEASURES

General advice

Avoid contact with skin, eyes and clothing.

Eye Contact

Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if irritation develops and persists.

Skin Contact

Wash off with soap and plenty of water. Get medical attention if irritation develops and persists.

Inhalation	If inhaled, remove to fresh air. Get medical attention if symptoms occur.
Ingestion	Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention if symptoms occur. Rinse mouth.
Notes to physician	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flash Point	>100 °C	Method	No data available			
Auto ignition Temperature	No information available.					
Flammability Limits in Air %:	No information available.					
Suitable Extinguishing Media	Upper: No data available Lower: No data available					
Foam. Alcohol-resistant foam. Carbon dioxide (CO2). Dry chemical. Water spray. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.						
Specific hazards arising from the chemical						
None known.						
Protective Equipment and Precautions for Fire-fighters						
As in any fire, wear self-contained breathing apparatus pressure-demand, Safe Work, Australia (approved or equivalent) and full protective gear.						

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Use personal protective equipment. Ensure adequate ventilation. Prevent further leakage or spillage if safe to do so.
Environmental Precautions	Do not flush into surface water or sanitary sewer system.
Methods for Containment	Cover powder spill with plastic sheet or tarp to minimize spreading.
Methods for Cleaning Up	Pick up and arrange disposal without creating dust.
Neutralizing Agent	Not applicable.

7. HANDLING AND STORAGE

Handling	Avoid contact with skin, eyes and clothing			
Storage	Store in original container			
	Keep containers tightly closed in a dry, cool and well-ventilated place			
Storage Temperature	Minimum	3 °C	Maximum	32 °C
Storage Conditions	Indoor	X	Outdoor	Heated Refrigerated

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Component	ES-TWA	ISHL	ACGIH TLV	Talc, respirable dust	TWA: 2.5 mg/m ³	No data available	TWA: 2 mg/m ³ particulate matter containing no asbestos and <1% crystalline silica, respirable fraction
Iron oxide	TWA: 5 mg/m ³ TWA: 10 mg/m ³	No data available	TWA: 5 mg/m ³ respirable fraction				

Engineering Measures

Ensure adequate ventilation, especially in confined areas. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

Personal Protective Equipment

Respiratory Protection

In case of inadequate ventilation wear respiratory protection When workers are facing concentrations above the exposure limit they must use appropriate certified respirators

Eye/Face Protection

Safety glasses with side-shields.

Hand Protection

Protective gloves

Skin Protection

Wear suitable protective clothing, Impervious gloves.

General Hygiene Considerations

Wear protective gloves/clothing. Ensure that eyewash stations and safety showers are close to the workstation location. Remove and wash contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Opaque
Colour	Grey
Physical state	Solid
Odour	Pungent
Odour Threshold	No data available
pH	Not applicable
Melting Point/Range	No data available
Freezing Point	No information available
Boiling Point/Range	No data available
Flash Point	>100 °C
Method	No data available
Evaporation Rate	No data available
Solubility	Insoluble
Vapour Density	Not applicable
Specific Gravity	1.7
Auto ignition Temperature	No information available.
Viscosity	Solid
Molecular Weight	No data available
Percent Volatile (Volume)	0
VOC Content (%)	0
VOC Content (g/L)	0

10. STABILITY AND REACTIVITY

Chemical Stability	Stable. Hazardous polymerization does not occur.
Conditions to Avoid	Extremes of temperature and direct sunlight.
Incompatible Products	Strong acids, Strong bases.
Decomposition Temperature	No data available
Hazardous Decomposition Products	Highly toxic fumes, Carbon oxides.
Possibility of Hazardous Reactions	None under normal processing.

11. TOXICOLOGICAL INFORMATION

Product Information

Principle Route of Exposure Skin contact, Eye contact.

The following values are calculated based on chapter 3.1 of the GHS document

Oral LD50 3,204.00 mg/kg

Dermal LD50 22,833.00 mg/kg

Inhalation LC50 No information available

Gas Not applicable

Mist not applicable

Vapour not applicable

Primary Routes of Entry Skin Absorption.

Main Symptoms
Acute Effects:

Eyes Low hazard for usual industrial or commercial handling.

Skin Low hazard for usual industrial or commercial handling.

Inhalation Low hazard for usual industrial or commercial handling.

Ingestion Harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

Chronic Effects: Contains a known or suspected carcinogen.

Target Organ Effects Eyes, Respiratory system, Skin.

Aggravated Medical Conditions Skin disorders, Respiratory system.

Component Information
Acute Toxicity

Component	Oral LD50	Dermal LD50	Inhalation LC50	Draize Test	Other
Diglycidyl ether of bisphenol A	= >15000 mg/kg (Rat)	= 23000 mg/kg (Rabbit)	No information available	No data available	No data available
Iron oxide	> 10000 mg/kg (Rat)	Not applicable	No information available	No data available	No data available

Chronic Toxicity

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Talc, respirable dust	No data available	Not applicable	No data available	No data available.	Eyes Respiratory system
Iron oxide	No data available	Not applicable	No data available	No data available.	Skin Eyes Respiratory system

Carcinogenicity There are no known carcinogenic chemicals in this product.

Component	ES	ACGIH	IARC	NTP	Other
Talc, respirable dust	not applicable	not applicable	Group 3	not applicable	not applicable
Iron oxide	not applicable	not applicable	Group 3	not applicable	not applicable

12. ECOLOGICAL INFORMATION

Product Information

No data available

Component Information

Component	Toxicity to Algae	Toxicity to Fish	Microtox	Crustacea	Partition coefficient
Talc, respirable dust	Not applicable	LC50 > 100 g/L Brachydanio rerio 96 h	No data available	Not applicable	N/A

Eco toxicity effects No information available

Persistence and Degradability No information available

Bioaccumulation No information available

Mobility No information available

13. DISPOSAL CONSIDERATIONS

Product Disposal

Dispose of in accordance with local regulations.

Container Disposal

Empty containers should be taken for local recycling, recovery, or waste disposal.

14. TRANSPORT INFORMATION

ADG 7

Not regulated

15. REGULATORY INFORMATION

Australia

POISON SCHEDULE (SUSMP) None

16. OTHER INFORMATION

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Glossary	No information available.
List of References.	No information available

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