

Section 1. Product and Company Identification

Product Name: Carbon Elite Hard Ultra

Product use: Impregnating Hardener for Terrazzo, Stone and Polished Concrete

Effective Date: 1 January 2020

Manufacturer Information: Carbon Diamond Abrasives

Unit 1, 21 Delage St
Joondalup, Western Australia 6027
Telephone number: (042) 818-4151

Emergency Phone Number:

Section 2. Hazard Identification



GHS Pictograms:

GHS Signal Word: WARNING

This product is alkaline. Avoid contact with eyes and skin. Keep out of reach of children. The product may be harmful if it is inhaled or swallowed.

POTENTIAL HEALTH EFFECTS:

CODE OF HAZARD STATEMENTS:

Physical hazards

None.

Health Hazards

H303-may be harmful if swallowed. H312-Harmful in contact with skin. H319-Causes serious eye irritation. H333-May be harmful if inhaled.

Environmental hazards

None.

CODE OF PRECAUTIONARY STATEMENTS:

General

P101-Keep out of reach of children. P103-Read label before use.

Prevention statements

P202-Do not handle until all safety precautions have been read and understood. P262-Do not get in eyes, on skin or on clothing. P264-Wash thoroughly after handling using this product. P280-Wear protective gloves/protective clothing/eye protection/face protection. P284-Wear respiratory protection.

Response statements

P312-Call a POISON CENTER or doctor/physician if you feel unwell. P331-DO NOT induce vomiting. P340, Remove victim to fresh air and keep at rest in a position comfortable for breathing. P352, Wash with plenty of soap and water. P362, Take off contaminated clothing and wash before reuse.

Section 8. Exposure Control/Personal Protection

Introductory Remarks: Consider the potential hazards of this product outlined in section 3. Use process exposures such as local exhaust ventilation, to control over exposure to airborne levels above recommended exposure limits. **Personal Protection:**

Eyes: Wear safety goggles or safety glasses to prevent eye contact.

Body: Long sleeve shirts, long pants, socks, rubber boots and chemical resistant gloves. **Hands:** Chemical resistant gloves

Respiratory: Wear an approved respirator (NIOSH TC-84A rated or EN 14387) that provides protection from this product if the airborne concentrations exceed the recommended exposure limits.

Other: None

Section 9. Physical and Chemical Properties

Odor/Color	Slight to none / opaque, dries clear	Vapor Pressure	< 2.0 torr @ 68 °F (20 °C)
pH	11-12	Density(water=1)	1.032 @ 68°F (20 °C)
% Volatile by weight	< 90	Solubility	> 99 % in water
Evaporation rate(water=1)	< 1.0	Boiling Point	212 °F (100 °C)
Freezing point	0 °C (32 °F)		

Section 10. Stability and Reactivity

Chemical Stability: Considered stable under normal ambient temperatures.

Hazardous Decomposition: If complete combustion, oxides of carbon and silicates are formed.

Hazardous Polymerization: Will not occur

Incompatibility~ Materials to Avoid: May react with strong oxidizing agents, strong acids and metal salts.

Section 11. Toxicological Information

Acute Eye Irritation: Irritating.

Acute Skin Irritation: Chronic exposure may be irritating.

Acute Dermal Toxicity: Not expected to be toxic through the skin.

Acute Inhalation Toxicity: Not determined, expected to be an irritant to the respiratory system.

Carcinogenic Effects: None

Existing Medical Conditions Aggravated by Exposure: Exposure to eyes and skin may cause irritation to pre-existing conditions.

Section 12. Ecological Information

Ecotoxicity: The toxicity of this product has not been determined.

Environmental Fate: This product should be expected to be readily biodegradable.

Section 13. Disposal Considerations

Waste Disposal Method: What ever cannot be saved for recovery or recycling should be managed by the local, state or Federal Regulations.


Container Handling and Disposal: All containers should be triple rinsed and disposed of according to local, state and Federal regulations.

Section 14. Transport Information

Ground Classification: Not regulated by US
DOT Shipping Name: Carbon Elite Hard
Ultra Technical Shipping Name: None
UNFIC: None
ID Number: None
Packaging Group:
 None **Labels:** No US
 DOT Labels
Not regulated by IATA or IMO

Section 15. Regulatory Information

EPCRA 311/312 Categories: Immediate (Acute) Health Effects: Yes
 Delayed (Chronic) Health Effects: Yes
 Fire Hazard: No
 Sudden Release of Pressure: No
 Reactivity: No

European Community:  irritating (Xi) substances
 Right to know classification: All ingredients are listed in PA and NJ.
 TSCA: All ingredients listed or exempt from listing.

Reportable Quantity (RQ):
 None Prop. 65: None

WHMIS: Xi (Irritant to the eyes and skin)

All ingredients are listed as chemical inventories of ACIS, ECL, EEC, ENCS, EU, Israel, MAC, MAK, MITI, PICCS, SWISS, Taiwan, USA and UK

ABBREVIATIONS:

CAS #	Chemical Abstract Service Number	EINECS	European Inventory of existing Commercial Chemical Sales
°C	Celsius temperature scale	°F	Fahrenheit temperature scale
Prop.	Proprietary	PE	Personal Protective Equipment
TLV	Threshold Limit Value	TWA	Time Weighted Average
STEL	Short-term Exposure Limit	PEL	Permissible Exposure Limit
OSHA	Occupational Safety & Health	NIOSH	National Institute of Safety & Health
NFPA	National Fire Protection Agency	WHMIS	Workplace Hazardous Materials Information System
NTP	National Toxicology Program	IARC	Int. Agency for Research on Cancer
RCRA	Resource Conservation Recovery Act	TSCA	Toxic Substance Control Act
EC50	Effective Dose	LC50	Lethal Inhalation Concentration
LD50	Lethal Dose	CAS	Chemical Abstract Service Number
LEL	Lower explosive limit	UEP	Upper explosive limit
NDA	No Data Available	ND	Not determined
NE	None established	NA	Not Applicable
<	Less Than or Equal To	>	Greater Than or Equal To
CNS	Central Nervous System	CI	China
DSL	Canada	ECL	Korean Existing Chemicals List
EEC	European Economic Commission	ENCS	Japanese Existing and New Chemical List
EU	European Union	MAC	Netherlands
MAK	Germany	MITI	Japan
PICCS	Philippines	SWISS	Giftliste 1
UK	United Kingdom	USA	United States
VOC	Volatile organic content	ACGIH	American Conference of Government Industrial Hygienists

SARA Superfund Amendments and Reauthorization Act
 AICS Australian Inventory of Chemical Substances
 IARC International Agency for Research on Cancer
 Taiwan List of Toxic Chemical Substances regulated under Taiwan Toxic Chemical Substances
 Control Act of 1086

Section 16. Other Information

Hazardous Material Information (HMIS)

National Fire Protection Association (NFPA)

Health	1	1	Health
Fire	0	0	Fire
Reactivity	0	0	Instability
Personal Protection	C		NA

Health 4 Deadly 3 Extreme Danger 2 Dangerous 1 Slight hazard 0 No hazard
 Fire 4 < 73 °C 3 < 100 °C 2 < 200 °C 1 >200 °C 0 Will not burn
 Reactivity/Instability 4 – May detonate 3 Explosive 2 Unstable 1 Normally stable 0 Stable

Risk phrases: R36, Irritating to eyes; R37, Irritating to respiratory system; and R38, Irritating to skin.
Safety phrases: S2, Keep out of reach of children; S24, Avoid contact with skin; S25, Avoid contact with eyes; S37, Wear suitable gloves; and S39, Wear eye/face protection.