

Clear Concrete Sealer

Company Details
 Coloredcrete Manufacturing Corporation

Product Information

This Product is classified as hazardous according to criteria of WorkSafe Australia

Product Names:	Decorative Concrete Sealer, Clear Concrete Sealer 20Lt, ET
Other Names:	Concrete Resurfacing, High Gloss, Prime and Seal, Economy, Color-Seal and Decorative Concrete Sealer 25%
Shipping name:	Resin Solution, Flammable
U.N. Number:	1866
D.G. Class:	3
Subsidiary Risk:	N/A
Hazchem Code:	3[Y]
Packaging Group:	jjj
Poisons Schedule:	5
Chemical Description:	Pigmented/unpigmented solution of acrylic copolymer resins & Hydrocarbon solvents Clear or pigmented

Physical Description/ Properties

Appearance:	Clear or pigmented viscous liquid
Odor:	Hydrocarbon solvent
Boiling Point (°C):	Range 137-175
pH:	N/A
Relative Density:	0.922
Shelf Life:	18 months
Other Properties	
Flammability Limits:	See 'Fire/Explosion Hazard' under 'Safe Handling Information'
Solubility in Water:	Negligible
Solubility in Organic Solvents:	Soluble
Vapor Pressure (kPa):	1.7
Volatiles:	73
Flash point (°C):	43

Ingredients

Chemical Entity	C.A.S Number	Proportions %
Liquid Hydrocarbons	1330-20-7 / 64742-95-6	>60
Acrylic/Methacrylate Copolymer	28262-63-7	20-30
Plasticizer	N/A	< 5
Clay Filler	N/A	< 5

SPILLS AND DISPOSAL

Follow safety requirements for personal protection. If spills occur, remove, or isolate all ignition sources. Contain & absorb spill in dry, inert material such as sand. Collect in sealable containers and dispose of as trade waste in accordance with local authority guidelines. Keep out of sewer and storm water drains.

FIRE / EXPLOSION HAZARD

The material is flammable and explosive air-vapor mixture will form if sealed containers are exposed to very high-temperature direct heat or acute fire conditions. Fire fighters are advised to use self-contained breathing apparatus in all fire hazard situations. Hazardous decomposition - smoke & carbon monoxide. Hazardous polymerization - unlikely. Do not reseal used product drums & pails. Expose to air to extinguish vapor emissions and until sealer residue has achieved hard-set.

DECOMPOSITION PRODUCTS

In case of small fire/explosion use:	Foam, CO2 or dry chemical. Cool drums with water
In case of major emergency:	Spray Water spray drums. Use foam or dry chemical.
HAZCHEM CODE:	3[Y]
Extinguishment:	As above, or as for other chemicals present
Danger of violent reaction or explosion:	Yes. In volatile heat & fire conditions.
Protective clothing:	As for other chemicals present
Appropriate measures:	Dilute
Evacuate:	Yes

OTHER INFORMATION

Smoking: Cigarette smoking increases the risk of occupational respiratory diseases. It is recommended that all storage and work areas should be smoke-free zones.

CONTACT POINT: Fire - Ambulance - Police. Call: 000.
 For General Information:
 Coloredcrete Inc.
 Hotline

Date of Issue: December 15, 2022

This Materials Safety Data Sheet has been prepared in accordance with the guidelines stipulated in the "WorkSafe" legislation encompassing the "Occupational health and Safety Act - 1983" (as amended). All information obtained herein is as up to date as possible and supplied in good faith by the product manufacturer. No warranty expressed or implied is made to its completeness, accuracy, and reliability. It is the user's responsibility to determine the safety, risk, and fitness-for purpose of the product under the conditions and environment where the product is intended to be used. Coloredcrete into shall not be liable for personal injury or property damage associated with use or misuse of the product.

Limited warranty.

The product is warranted to be of uniform quality within manufacturing tolerances. Since control is not exercised over its use, no warranty expressed or implied, as to the effects of such use. Sellers and manufacturer's obligation under this warranty shall be limited to refunding the purchase price of that portion of the material proven to be defective.

Safe Handling Information

Storage and Transport

Store away from heat, alkalis, foodstuffs and empty foodstuff containers and oxidizing agents (such as chlorates, nitrates etc.). Remove container lids and bungs slowly to release any internal pressure. Isolate from sources of heat, naked flames, or sparks. Ensure fittings are earthed and flame proofed. Ensure adequate ventilation. Explosive air-vapor mixture may form. Take precautions against static electricity and sparking.

Spill

Remove all ignition sources. Isolate area. Recover free liquid. Absorb in dry inert material and place in sealable labelled drums. Avoid breathing vapors. Ventilate confined spaces or use breathing apparatus. Keep out of sewers and drains by diking or impounding. Advise authorities.

Waste Disposal

Observe all Federal, State and Local regulations. Dispatch sealed labelled material to approved waste authority.

Fire / Explosion Hazard:

Explosion Limit Upper:	7.0%
Explosion Limit Lower:	0.9%
Dust Explosion Hazard:	N/A
Hazardous Decomposition Products:	Smoke, Carbon monoxide
Hazardous Polymerization Products/Reactions:	Unlikely
Extinguishing Media:	Foam, carbon dioxide, dry chemical. Cool drums with water spray.
Other Precautions:	Fire fighter should wear self-contained breathing apparatus in fire situations.

Contact Points

Designer Concrete Coatings:	(02) 9829 3311
Poisons Information Center:	131 126
Fire Brigade:	000
Ambulance:	000
Police:	000

Key to Abbreviations

N/A	Not applicable
NAS	Not assigned.
°C	Degrees Celsius
k/Pa	Kilopascals
m/min	

We cannot anticipate all conditions under which this information and our products may be used. Users are advised to make their own tests to determine the safety and suitability of each product. All information in this Data Sheet is as up to date as possible. No warranty expressed or implied is made to the accuracy, reliability or completeness of this date. Designer Concrete Coatings assumes no responsibility for personal injury or property damage to vendors, users or third parties caused by the material. Such vendors or users assume all risks associated with the use of the material.

Health Hazard Information

Health Effects

Effects of overexposure - Acute

Date of issue: November 2008

High vapor concentrations are irritating to the eyes and respiratory tract, may cause headaches and dizziness, are anesthetic and may have other central nervous system effects.

Effects of Exposure - Chronic

Prolonged or repeated contact with the skin may irritate and cause dermatitis.

Emergency and First Aid Procedures

Swallowed

Do not induce Vomiting. Give a glass of water and seek immediate medical attention. Eye

Immediately hold open eyes and flush with water continuously for at least fifteen minutes. Seek medical attention.

Skin

Remove contaminated clothing and wash affected area with plenty of soap and water Inhaled.

Remove to fresh air and apply artificial respiration if not breathing. Keep person calm and seek medical attention.

Advice to Doctor

Treat symptomatically

Precautions for Use

Exposure Standards

50 ppm for 8 hour working day exposure.

Engineering controls

Avoid heating product.

Ventilation

Use in well-ventilated area or use local exhaust - face velocity > 20 m/min

Personal Protection

Gloves: Long impervious PVC

Overalls: Cotton

Eyes: Chemical goggles resistant to aromatic hydrocarbon solvents

Respiratory: Brush or Roller Application: Type 1, Class 1 organic vapor (to AS1715) (eg 3M Easicare 5101/5201/5301. Type 1A)

Other: Spray application: Above in conjunction with class P1 particle filter

Practice strict hygiene - wash before breaks and after finishing

Flammability

Flammable liquid