

## MATERIALS SAFETY DATA SHEET (MSDS)

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Activator

Recommended use of the chemical and restrictions on use

Identified uses: Coating products

## COMPANY IDENTIFICATION

Coloredcrete Manufacturing Corporation

Address: Bldg. B, Unit N7 Pobleto Compound, No.343 Interior West Service Rd, Bo.Ibayo, Sun Valley, Paranaque City

Hotline Number:

## 2. HAZARDOUS IDENTIFICATION

Classification of the substance or mixture;

This product is not hazardous as per the Globally Harmonized System of Classification and Labelling (GHS)

Other Hazards

No data available

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CASRN	Concentration
Octylphenoxypolyethoxyethanol	9036-19-5	$\geq 1.0 - < 10.0 \%$

## 4. FIRST AID MEASURES

Description of first aid measures

Inhalation: Move to fresh air.

Skin contact: Wash with water and soap as a precaution. If skin irritation persists, call a physician.

Eye contact: Rinse with plenty of water. If eye irritation persists, consult a specialist.

Ingestion: Drink 1 or 2 glasses of water. Consult a physician if necessary. Never give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed: Aside from the information found under Description of first aid measures (above) and indication of immediate medical attention and special treatment needed (below), any additional important symptoms and effects are described in Section 11: Toxicology Information.

Indication of any immediate medical attention and special treatment needed.

Notes to physician: Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

#### 5. FIREFIGHTING MEASURES

Suitable extinguishing media: Use extinguishing media appropriate for surrounding fire.

Unsuitable extinguishing media: no data available

Special hazards arising from the substance or mixture

Hazardous combustion products: no data available

Unusual Fire and Explosion Hazards: Material can splatter above 100C/212F. Dried product can burn.

Advice for firefighters

Fire Fighting Procedures: No data available

Special protective equipment for firefighters: wear self-contained breathing apparatus and protective suit.

#### 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Use personal protective equipment.

Keep people away from and upwind of spill/leak. Material can create slippery conditions.

Environmental precautions: CAUTION: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

Methods and materials for containment and cleaning up: Contain spills immediately with inert materials (e.g., sand, earth). Transfer liquids and solid diking material to separate suitable containers for recovery or disposal.

#### 7. HANDLING AND STORAGE

Precautions for safe handling: Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

Keep container tightly closed. Do not breathe vapors, mist or gas.

Conditions for safe storage: Keep from freezing - product stability may be affected. STIR WELL BEFORE USE.

Storage stability

Storage temperature: 1- 49°C

See SECTION 8, for types of ventilation required.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure limits are listed below, if they exist.

Exposure controls

Engineering controls: Use only in area provided with appropriate exhaust ventilation.

Individual protection measures

Eye/face protection: Safety glasses with side-shields. Eye protection worn must be compatible

With respiratory protection system employed.

Skin protection

Hand protection: The glove (s) listed below may provide protection against permeation.

(Gloves of other chemically resistant materials may not provide adequate protection):

Neoprene gloves.

Respiratory protection: Use certified respiratory protection equipment meeting EU requirements

(89/656/EEC, 89/686/EEC), or equivalent, when respiratory risks cannot be avoided or

Sufficiently limited by technical means of collective protection or by measures, methods or

Procedures of work organization.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	
Physical state	Liquid
Color	Milky White
Odor	Acrylic-like
Odor Threshold	No Data Available
pH	9.3 - 10.2
Melting point/range	0°C Water
Freezing point	No Data Available
Boiling point (760 mmHg)	100°C Water
Flash point	Noncombustible
Evaporation Rate (Butyl Acetate =1)	<1 Water
Flammability (solid, gas)	Not Applicable
Lower explosion limit	Not Applicable
Upper explosion limit	Not Applicable
Vapor pressure	17 mmHg at 20°C Water
Relative Vapor Density (air = 1)	<1 Water
Relative Density (water = 1)	1.0 - 1.2
Water solubility	Dilutable
Partition coefficient: noctanol/water	No Data Available
Auto-ignition temperature	Not Applicable
Decomposition temperature	No Data Available
Dynamic Viscosity	10 - 60mPa.s
Kinematic Viscosity	No Data Available
Explosive properties	No Data Available
Oxidizing properties	No Data Available
Molecular weight	No Data Available
Percent vitality	52 - 54% Water

NOTE: The physical data presented above are typical values and should not be construed as a specification.

## 10. STABILITY AND REACTIVITY

Reactivity: no data available

Chemical stability: Stable

Possibility of hazardous reactions: None known  
Product will not undergo polymerization.

Conditions to avoid: no data available

Incompatible material: There are no known materials which are incompatible with this product.

Hazardous decomposition products: Thermal decomposition may yield acrylic monomers.

## 11. TOXICOLOGICAL INFORMATION

Toxicological information on this product its components appear in this section when such data is available.

## Acute toxicity

## Acute oral toxicity

LD50, Rat, > 5,000 mg/kg

## Acute dermal toxicity

LD50, Rabbit, > 5,000 mg/kg

## Acute inhalation toxicity

Product test data not available

## Skin corrosion/irritation

May cause transient irritation

## Serious eye damage/eye irritation

No eye irritation

## Sensitization

Product test data not available

## Specific Target Organ Systemic Toxicity (Single Exposure)

Product test data not available

## Specific Target Organ Systemic Toxicity (Repeated Exposure)

Product test data not available.

## Carcinogenicity

Product test data not available.

## Teratogenicity

Product test data not available.

## Reproductive toxicity

Product test data not available

## Mutagenicity

Product test data not available.

## Aspiration Hazard

Product test data not available.

## Additional information

No data are available for this material. The information shown is based on profiles of compositionally similar material.

## COMPONENTS INFLUENCING TOXICOLOGY:

## Octylphenoxyethoxyethanol

## Acute inhalation toxicity

The LC50 has not been determined.

## Sensitization

Did not cause allergic skin reactions when tested in humans.

- For respiratory sensitization:  
No relevant found.
- Specific Target Organ Systemic Toxicity (Single Exposure)  
Evaluation of available data suggests that this material is not an STOT-SE toxicant.
- Specific Target Organ Systemic Toxicity (Repeated Exposure)  
In animals, effects have been reported on the following organs:
  - Liver.
  - Carcinogenicity  
No relevant data found.
  - Teratogenicity  
Did not cause birth defects or any other fetal effects in laboratory animals.
  - Reproductive toxicity  
No relevant data found.
  - Mutagenicity  
In vitro genetic toxicity studies were negative.
  - Aspiration Hazard  
Based on physical properties, not likely to be an aspiration hazard.

## 12. ECOLOGICAL INFORMATION

Ecotoxicological information on this product or its components appear in this section when such data is available.

### General Information

There is no data available for this product.

### Ecotoxicity

#### Octylphenoxyethoxyethanol

##### Acute toxicity to fish

Material is harmful to aquatic organisms (LC50/EC50/IC50 between 10 and 100 mg/L in the most sensitive species)  
LC50, Pimephales promelas (fathead minnow), 96 Hour, > 60 mg/l

##### Acute toxicity to aquatic Invertebrates

LC50, Daphnia magna, 48 Hour, > 1,000 mg/l

### Toxicity and degradability

#### Octylphenoxyethoxyethanol

Bioaccumulation: No relevant data found

### Mobility In Soil

#### Octylphenoxyethoxyethanol

No relevant data found.

### Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent.

Bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

### Other adverse effects

#### Octylphenoxyethoxyethanol

This substance is not in Annex I of Regulation (EC) No 1005/2009 on substances that deplete the ozone layer.

# Activator

13. DISPOSAL CONSIDERATIONS

Disposal methods: Coagulate the emulsion by the stepwise addition of ferric chloride and lime. Remove the clear supernatant and flush to chemical sewer. For disposal, incinerate or landfill at a permitted facility in accordance with local, state, and federal regulations.

14. TRANSPORT INFORMATION

Classification for ROAD and Rail transport:  
Not regulated for transport.

Classification for SEA transport (IMO-IMDG):  
Not regulated for transport  
Consult IMO regulations before transporting ocean bulk  
Transport in bulk according to Annex I or II of MARPOL 73/78 and the IBC or IGC Code

Classification for AIR transport (IATA/ICAO):  
Not regulated for transport

This information is not intended to convey all specific regulatory or operational requirements/information relating to his product. Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations. Additional transportation system information can be obtained through an authorized sales or customer service representative. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

15. REGULATORY INFORMATION

Philippine Inventory of Chemicals and Substances (PICCS) (PICCS)  
All intentional components are listed on the inventory, are exempt, or are supplier certified.

16. OTHER INFORMATION

Hazard Rating System  
HMIS

Health	Flammability	Physical Hazard
1	0	0

Coloredcrete Manufacturing Corporation urges each customer or recipient of this (M)SDS to study it carefully and consult appropriate expertise, as necessary or appropriate, to become aware of and understand the data contained in this (M)SDS and any hazards associated with the product. The information herein is provided in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ between various locations. It is the buyer's/user's responsibility to ensure that his activities comply with all federal, state, provincial or local laws. The information presented here pertains only to the product as shipped. Since conditions for use of the product are not under the control of the manufacturer, it is the buyer's/user's duty to determine the conditions necessary for the safe use of this product. Due to the proliferation of sources for (M)SDSs obtained from any source other than ourselves.