



## Safety Data Sheet

acc. to OSHA HCS

Printing date 02/16/2023

Reviewed on 02/16/2023

### 1 Identification

- **Product identifier**
- **Trade name: Concrete Primer**
- **Application of the substance / the mixture**  
Protective coating  
Sealant
- **Uses advised against**  
Processes involving extreme heat use advised against.  
Any use carrying a risk of direct contact with eyes/skin where workers are exposed without adequate personal protective equipment (PPE).  
Any use involving aerosol formation or vapour release in excess of the assigned WEL where workers are exposed without suitable RPE.
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
Coval Group LLC  
12811 Royal Drive, Suite 110  
Stafford, TX 77477  
email contact: sales@coval-group.com
- **Information department:** Product safety department.
- **Emergency telephone number:**  
The American Association of Poison Control Centers (24-hour hotline): 1-800-222-1222

### 2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS02 Flame

Flammable Liquids 2

H225 Highly flammable liquid and vapor.



GHS07

Eye Irritation 2A

H319 Causes serious eye irritation.

Specific Target Organ Toxicity - Single Exposure 3 H336 May cause drowsiness or dizziness.

- **Label elements**
- **GHS label elements**  
The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms** GHS02, GHS07
- **Signal word** Danger
- **Hazard-determining components of labeling:**  
methyl acetate
- **Hazard statements**  
Highly flammable liquid and vapor.  
Causes serious eye irritation.  
May cause drowsiness or dizziness.
- **Precautionary statements**  
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

(Contd. on page 2)

## Safety Data Sheet acc. to OSHA HCS

Printing date 02/16/2023

Reviewed on 02/16/2023

**Trade name: Concrete Primer**

(Contd. of page 1)

Do not breathe mist/vapors/spray.  
 Use only outdoors or in a well-ventilated area.  
 Wear protective gloves/protective clothing/eye protection/face protection.  
 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.  
 Continue rinsing.

- **Classification system:**
- **NFPA ratings (scale 0 - 4)**



- **HMIS-ratings (scale 0 - 4)**



- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

### 3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description:** A solution of polymers in solvent with multifunctional additives.

· **Dangerous components:**

79-20-9	methyl acetate	>50-≤100%
---------	----------------	-----------

### 4 First-aid measures

- **Description of first aid measures**
- **General information:** Immediately remove any clothing soiled by the product.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**  
 Immediately wash with water and soap and rinse thoroughly.  
 If skin irritation continues, consult a doctor.
- **After eye contact:**  
 Check for and remove any contact lenses.  
 Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**  
 DO NOT DELAY!  
 Wash mouth out with water  
 Do not induce vomiting; call for medical help immediately.  
 If vomiting occurs spontaneously, keep head below hips to prevent aspiration.
- **Information for doctor:** Treat symptomatically and supportively.
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.

(Contd. on page 3)



## Safety Data Sheet

acc. to OSHA HCS

Printing date 02/16/2023

Reviewed on 02/16/2023

**Trade name: Concrete Primer**

(Contd. of page 2)

- **Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### 5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**  
CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.  
Use fire fighting measures that suit the environment.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Special hazards arising from the substance or mixture**  
During heating or in case of fire poisonous gases are produced.  
Flammable. Vapors may travel to source of ignition and flash back.
- **Advice for firefighters**
- **Protective equipment:**  
Wear self-contained respiratory protective device.  
Wear fully protective suit.  
Do not inhale explosion gases or combustion gases.

### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**  
Ensure adequate ventilation  
Particular danger of slipping on leaked/spilled product.  
Keep ignition sources away - no smoking.  
Mount respiratory protective device.  
Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:**  
Do not allow to penetrate the ground/soil.  
Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**  
Send for recovery or disposal in suitable receptacles.  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Ensure adequate ventilation.
- **Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.
- **Protective Action Criteria for Chemicals**

**· PAC-1:**

All components have the value 250 ppm.

**· PAC-2:**

All components have the value 1,700 ppm.

**· PAC-3:**

All components have the value 10000\* ppm.

US

(Contd. on page 4)



## Safety Data Sheet acc. to OSHA HCS

Printing date 02/16/2023

Reviewed on 02/16/2023

**Trade name: Concrete Primer**

(Contd. of page 3)

### 7 Handling and storage

- **Handling:**
- **Precautions for safe handling**  
Keep away from heat and direct sunlight.  
Avoid direct contact (skin/eye contact, ingestion and/or inhalation of fume/mist/dust) with the product in the undiluted form.  
Welding and other hot work operations in the work area must only be permitted under supervision.  
Ensure good ventilation/exhaustion at the workplace.  
Prevent formation of aerosols.
- **Information about protection against explosions and fires:**  
Keep ignition sources away - Do not smoke.  
Protect against electrostatic charges.  
Keep respiratory protective device available.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**  
Prevent any seepage into the ground.  
Store in a cool location.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**  
Protect from heat and direct sunlight.  
Store in a banded area.  
Keep receptacle tightly sealed.  
Store in cool, dry conditions in well sealed receptacles.
- **Storage class:** 3
- **Specific end use(s)** No further relevant information available.

### 8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**

**Components with limit values that require monitoring at the workplace:****79-20-9 methyl acetate**

PEL	Long-term value: 610 mg/m <sup>3</sup> , 200 ppm
REL	Short-term value: 760 mg/m <sup>3</sup> , 250 ppm Long-term value: 610 mg/m <sup>3</sup> , 200 ppm
TLV	Short-term value: 250 ppm Long-term value: 200 ppm

- **Additional information:** The lists that were valid during the creation were used as basis.
- **Exposure controls**
- **Personal protective equipment:**  
Select PPE appropriate for the operations taking place taking into account the product properties.
- **General protective and hygienic measures:**  
Do not eat or drink while working.  
Take note of assigned Workplace Exposure Limits.

(Contd. on page 5)

## Safety Data Sheet acc. to OSHA HCS

Printing date 02/16/2023

Reviewed on 02/16/2023

**Trade name: Concrete Primer**

(Contd. of page 4)

- Keep away from foodstuffs, beverages and feed.
- Immediately remove all soiled and contaminated clothing.
- Wash hands before breaks and at the end of work.
- Avoid contact with the eyes and skin.
- **Breathing equipment:** Use suitable respiratory protective device in case of insufficient ventilation.
- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye protection:**



Tightly sealed goggles

- **Body protection:**

Solvent resistant protective clothing  
Body protection must be chosen depending on product properties, activity and possible exposure.

### 9 Physical and chemical properties

- **Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

<b>Form:</b>	Fluid
<b>Color:</b>	Light brown
<b>Odor:</b>	Solvent like
<b>Odor threshold:</b>	Not determined.

- **pH-value:** Not determined.

- **Change in condition**

<b>Melting point/Melting range:</b>	Undetermined.
<b>Boiling point/Boiling range:</b>	Undetermined.

- **Flash point:** -10 °C (14 °F)

- **Flammability (solid, gaseous):** Highly flammable.

- **Ignition temperature:** > 250 °C (> 482 °F)

(Contd. on page 6)



## Safety Data Sheet

acc. to OSHA HCS

Printing date 02/16/2023

Reviewed on 02/16/2023

**Trade name: Concrete Primer**

(Contd. of page 5)

· <b>Decomposition temperature:</b>	Not determined.
· <b>Auto igniting:</b>	Product is not selfigniting.
· <b>Danger of explosion:</b>	Product is not explosive. However, formation of explosive air/vapor mixtures are possible.
· <b>Explosion limits:</b>	
<b>Lower:</b>	3.1 Vol %
<b>Upper:</b>	16 Vol %
· <b>Vapor pressure at 20 °C (68 °F):</b>	220 hPa (165 mm Hg)
· <b>Density at 20 °C (68 °F):</b>	0.95 g/cm <sup>3</sup> (7.92775 lbs/gal)
· <b>Relative density</b>	Not determined.
· <b>Vapor density</b>	Not determined.
· <b>Evaporation rate</b>	Not determined.
· <b>Solubility in / Miscibility with Water:</b>	Not miscible or difficult to mix.
· <b>Partition coefficient (n-octanol/water):</b>	0.18 log POW
· <b>Viscosity:</b>	
<b>Dynamic:</b>	Not determined.
<b>Kinematic:</b>	Not determined.
· <b>Other information</b>	NOTE: The physical data presented above are typical values and should not be construed as a specification.

### 10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used and stored according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** Strong oxidising agents.
- **Hazardous decomposition products:**  
Carbon monoxide and carbon dioxide  
Metal oxide

### 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**

**LD/LC50 values that are relevant for classification:**

ATE (Acute Toxicity Estimate)

Oral LD50 4,631 mg/kg (rabbit)

(Contd. on page 7)

US



## Safety Data Sheet

acc. to OSHA HCS

Printing date 02/16/2023

Reviewed on 02/16/2023

**Trade name: Concrete Primer**

(Contd. of page 6)

- **Primary irritant effect:**
  - **on the skin:**
    - Will defat and dry the skin.
    - Frequent or prolonged contact may irritate and cause dermatitis.
  - **on the eye:** Irritating effect.
  - **Sensitization:** No sensitizing effects known.
  - **Subacute to chronic toxicity:**
    - Chronic effects:: Skin damage due to contact with the liquid; high exposures might entail damage of the optic nerve.
  - **Additional toxicological information:**
    - Routes of exposure: The main route of exposure is via the respiratory tract.
    - EFFECTS OF SHORT-TERM EXPOSURE: The product is irritating to the eyes and the respiratory tract. May cause effects on the central nervous system.
    - The product shows the following dangers according to internally approved calculation methods for preparations:
      - Irritant
      - EFFECTS OF SHORT-TERM EXPOSURE: The product is corrosive to the eyes, the skin and the respiratory tract. Corrosive on ingestion. May cause effects on the central nervous system.
  - **Carcinogenic categories**
- |   |
|---|
| · <b>IARC (International Agency for Research on Cancer)</b> |
| None of the ingredients is listed.                          |
- |  |
|--|
| · <b>NTP (National Toxicology Program)</b> |
| None of the ingredients is listed.         |
- |  |
|--|
| · <b>OSHA-Ca (Occupational Safety &amp; Health Administration)</b> |
| None of the ingredients is listed.                                 |
- **Carcinogenicity** Based on available data, the classification criteria are not met.
  - **Reproductive toxicity** Based on available data, the classification criteria are not met.

## 12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** The organic portion of the product is biodegradable.
- **Behavior in environmental systems:**
- **Bioaccumulative potential** Product is not expected to bioaccumulate.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**
  - Water hazard class 1 (Self-assessment): slightly hazardous for water
  - Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

-US

(Contd. on page 8)



## Safety Data Sheet

acc. to OSHA HCS

Printing date 02/16/2023

Reviewed on 02/16/2023

**Trade name: Concrete Primer**

(Contd. of page 7)

### 13 Disposal considerations

**· Waste treatment methods****· Recommendation:**

Recommended hierarchy of controls:

- Minimize waste;
- Reuse if not contaminated;
- Recycle, if possible; or
- Safe disposal (if all else fails).

Contact waste processors for recycling information.

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Used, degraded or contaminated product may be classified as hazardous waste. Anyone classifying hazardous waste and determining its fate must be qualified in accordance with state and international legislation.

**· Uncleaned packagings:****· Recommendation:**

Container remains hazardous when empty. Continue to observe all precautions.

Containers, even those that are "empty," may contain residues that can develop flammable and/or hazardous vapours upon heating. Do not cut, drill, grind, weld, or perform similar operations on or near empty containers.

### 14 Transport information

**· UN-Number****· DOT, ADR, IMDG, IATA**

UN1139

**· UN proper shipping name****· DOT**

Coating solution

**· ADR**

UN1139 COATING SOLUTION, special provision 640D

**· IMDG, IATA**

COATING SOLUTION

**· Transport hazard class(es)****· DOT****· Class**

3 Flammable liquids

**· Label**

3

**· ADR, IMDG, IATA****· Class**

3 Flammable liquids

**· Label**

3

(Contd. on page 9)

US





## Safety Data Sheet

acc. to OSHA HCS

Printing date 02/16/2023

Reviewed on 02/16/2023

**Trade name: Concrete Primer**

(Contd. of page 8)

· <b>Packing group</b>	II
· <b>DOT, ADR, IMDG, IATA</b>	II
· <b>Environmental hazards:</b>	Not applicable.
· <b>Special precautions for user</b>	Warning: Flammable liquids
· <b>Hazard identification number (Kemler code):</b>	33
· <b>EMS Number:</b>	F-E, <u>S</u> -E
· <b>Stowage Category</b>	B
· <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.
· <b>Transport/Additional information:</b>	Not dangerous according to the above specifications.
· <b>ADR</b>	
· <b>Excepted quantities (EQ)</b>	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· <b>IMDG</b>	
· <b>Limited quantities (LQ)</b>	5L
· <b>Excepted quantities (EQ)</b>	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· <b>UN "Model Regulation":</b>	UN 1139 COATING SOLUTION, 3, II

### 15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- Sara

**· Section 355 (extremely hazardous substances):**

None of the ingredient is listed.

**· Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

**· TSCA (Toxic Substances Control Act):**

All ingredients are listed.

All components have the value ACTIVE.

**· Hazardous Air Pollutants**

None of the ingredients is listed.

**· Proposition 65****· Chemicals known to cause cancer:**

None of the ingredients is listed.

**· Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

(Contd. on page 10)



## Safety Data Sheet

acc. to OSHA HCS

Printing date 02/16/2023

Reviewed on 02/16/2023

**Trade name: Concrete Primer**

(Contd. of page 9)

**· Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

**· Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

**· Cancerogenity categories****· EPA (Environmental Protection Agency)**

None of the ingredients is listed.

**· TLV (Threshold Limit Value)**

None of the ingredients is listed.

**· NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

**· GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

**· Hazard pictograms** GHS02, GHS07**· Signal word** Danger**· Hazard-determining components of labeling:**

methyl acetate

**· Hazard statements**

Highly flammable liquid and vapor.

Causes serious eye irritation.

May cause drowsiness or dizziness.

**· Precautionary statements**

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Do not breathe mist/vapors/spray.

Use only outdoors or in a well-ventilated area.

Wear protective gloves/protective clothing/eye protection/face protection.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

**· Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**· Contact:****· Date of preparation / last revision** 02/16/2023**· Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

(Contd. on page 11)



**Safety Data Sheet**  
**acc. to OSHA HCS**

Printing date 02/16/2023

Reviewed on 02/16/2023

**Trade name: Concrete Primer**

(Contd. of page 10)

LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative  
NIOSH: National Institute for Occupational Safety  
OSHA: Occupational Safety & Health  
TLV: Threshold Limit Value  
PEL: Permissible Exposure Limit  
REL: Recommended Exposure Limit  
Flammable Liquids 2: Flammable liquids – Category 2  
Eye Irritation 2A: Serious eye damage/eye irritation – Category 2A  
Specific Target Organ Toxicity - Single Exposure 3: Specific target organ toxicity (single exposure) – Category 3

US