

## Material Safety Data Sheet

According to 91/155/EEC and ISO 14001:2015

Version : 04  
Issued Date : December-2023

### 1. Identification of the substance/preparation and company

Product

Product name

**CONSOL 71 FC**

Manufacturer/supplier information

Manufacturer/supplier : PT.Kimia Konstruksi Indonesia

Street/postbox : Ruko Wadung Asri Permai Blok B 8

Jl. Wadung Asri no. 46-48

Town/City and Post Code : Waru, Sidoarjo, Jawa Timur

Country : Indonesia

Phone/Fax : +62318661122/+62318661122

### 2. Composition/information on ingredients

Chemical characterization/Karakteristik kimia

Moisture tolerant, thixotropic, based on a combination of epoxy resins and special fillers.

### 3. Hazards identification

Hazards identification/Identifikasi bahaya

Xi Irritant

Information on hazards to man and to environment/Informasi bahaya terhadap manusia dan lingkungan

36/38

May Cause sensitization by skin and eyes contact  
Harmful to aquatic organisms, may cause long-term  
adverse effects in the aquatic environment

### 4. First-aid measures

After ingestion/Bila tertelan

Do not induce vomiting. Wash out mouth with water

Summon a doctor immediately.

After skin contact/ Kontak Kulit

In case of contact with skin wash off immediately with soap and water

Consult a doctor if skin irritation persists.

After eye contact/ Kontak mata

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water

Summon a doctor immediately.

After Inhalation/ Setelah terhirup

Remove from exposure. Allow the victim to rest in a well ventilated area . In cases of possible respiratory irritation or if feeling unwell in cases of prolonged exposure, obtain medical attention

## 5. Fire-fighting measures

Suitable extinguishing media/Media pemadan yang cocok

Not readily combustible. Use foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media for safety reasons

Do not use water jet.

Special protective equipment for fire-fighting

Special protective equipment for firefighters, self-contained breathing apparatus

Special Hazards of Product

Combustion will produce smoke, carbon dioxide and carbon monoxide.

## 6. Accidental release measures

Personal precautions

Wear appropriate protective clothing

Environmental precautions

Try to prevent the material from entering drains or water courses

Procedures for cleaning up

Contain and absorb using sand or other inert material. Transfer into suitable containers for recovery or disposal

## 7. Handling and storage

Handling

Instructions for safe handling

Mix in well ventilated area.

Avoid inhaling dust.

See chapter 8/personal protective equipment.  
Instructions for fire and explosion protection  
Keep away from heat source

Storage

Storage area should be dry and cool.  
Store in the original container securely closed.

## 8. Exposure controls/personal protection

Personal protective equipment

General protective and hygiene measure  
Avoid contact with eyes and skin  
Do not eat, drink or smoke during work time  
Wash hands before breaks and after work  
Use barrier skin cream  
Remove soiled or soaked clothing immediately

Respiratory protection

Good ventilation should be provided to keep airborne dust levels below exposure limits. If limits are exceeded use an approved dust mask

Hand protection

Wear suitable impervious gloves

Eye protection

Wear safety glasses if risk of accidental contaminations are possible during application

Body protection

Working clothing

## 9. Physical and chemical properties

Appearance

PART A

Physical state	: Paste
Colour	: White
Odour	: Characteristic

PART B

Physical state	: Paste
Colour	: Dark Grey
Odour	: Characteristic
Mix Density	: Approx. 1.7 g/cm <sup>3</sup>

## 10. Stability and reactivity

### Stability

Stable under normal conditions

### Conditions to avoid

Protect from Heat

### Thermal decomposition and hazardous decomposition products

Heating may produce: oxides of carbon, acrid smoke and irritating fumes

## 11. Toxicological information

### Sensitization

When skin contact :

The low molecular weight epoxy resin is a potential skin sensitiser.  
The possibility of allergic sensitisation should be considered.

### Experience on humans

When skin contact :

May cause some local short term skin irritation

When eyes contact :

Abrasion will likely cause transient irritation.

When inhalation :

May cause respiratory irritation.

When swallowed :

Not applicable

### Further toxicological information

For more-component products see also the safety-data-sheet of the other components.

## 12. Ecological information

### Mobility

The product is insoluble in water.

### Persistence/degradability

The product is expected to be not readily biodegradable.

### Ecotoxicity

This material is harmful to aquatic organisms

### 13. Disposal considerations

#### Product

##### Recommendations

See chapter 15, national regulations.

Must be disposed of in a special waste disposal unit in accordance with the corresponding regulations.

#### Contaminated packaging

##### Recommendations

Completely emptied packaging can be given for recycling.

Packaging that cannot be cleaned should be disposed of as product waste.

### 14. Transport information

#### ADR/RID

Not regulated under ADR/RID

#### IMO/IMDG

Not regulated under IMO/IMDG

#### IATA/ICAO

Not regulated under ICAO

### 15. Regulatory Information

#### Danger Symbols (s)/Simbol bahaya (s)

Xi                      Irritant

#### R phrases

36/38                      Irritating to eyes and skin

#### S phrases

2                              Keep out of reach of children

24                             Avoid contact with skin

37                             Wear suitable gloves

#### National Regulation

Classification according to PP No. 74 Th 2001

The product is classified as harmful Dangerous to environment substance

## 16. Other information

### Notice to reader

The information contained in this Material Safety Data Sheet applies only to the actual CONSOL product identified and described.

