

## Material Safety Data Sheet

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

Version : 02  
Issued Date : July-2022

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

Product

Product name

**CONSOL PN 63**

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

Reaction product of Phenol-Formaldehyde Novolac with Epichlorohydrin

Hazardous ingredients

Formaldehyde

### 3. Hazards identification

Classification



Irritant

Dangerous for the environment

Human health hazards

Risk of serious damage to eyes. Irritating to respiratory system and skin. May cause sensitization by skin contact

Environment hazards

Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment

### 4. First-aid measures

Eye Contact

Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Seek medical attention.

#### Skin Contact

In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Seek medical attention.

#### Inhalation

Get medical attention

#### Ingestion

Do not induce vomiting unless directed to do so by medical personnel. Maintain an open airway. Seek immediate medical attention

#### Notes of physician

No specific treatment. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled

### 5. Fire-fighting measures

#### Suitable extinguishing media

CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray

#### For safety reasons unsuitable extinguishing agents

Water with full jet

#### Special hazards caused by the material, its product of combustion or resulting gases

Formation of toxic gasses is possible during heating or in case of fire

#### Protective equipment

Wear self-contained respiratory protective device

### 6. Accidental release measures

#### Person-related safety precautions

Wear protective equipment. Keep unprotected persons away

#### Measures for environmental protection

Prevent seepage into sewage system, workpits and cellars

Inform respective authorities in case of seepage into water course or sewage system

Do not allow to enter sewers/surface or ground water

#### Measures for cleaning/collecting

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Warm water

Dispose of the collected material according to regulations.

## 7. Handling and storage

### Handling

#### Information for safe handling

Ensure good ventilation/exhaustion at the workplace

#### Information about protection against explosions and fires

Protect from heat

### Storage

#### Requirements to be met by storerooms and receptacles

Store in a cool location

Provide ventilation for receptacles

#### Information about storage in one common storage facility

Not required

#### Further information about storage conditions

Store receptacle in a well ventilated area

Keep receptacle tightly sealed

## 8. Exposure Controls/Personal Protection

### Additional information about design of technical system

No further data; see item 7

### Components with limit values that require monitoring at the workplace

Not required

### Additional information

The list that were valid during the creation were used as basis

### Personal protective equipment

#### Breathing equipment

Not necessary if room is well-ventilated

#### Protection of hands



#### Protective gloves

The glove material has to be impermeable and resistant to the product/the substance/the preparation.

#### 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

#### Penetration time of glove material

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

#### Eye protection

Safety glasses

#### Body protection

Protective work clothing

Boots

## 9. Physical and chemical properties

### General Information

Form :Viscous liquid  
 Color :Grey, Green, Light Grey, White  
 Odor :Light

### Change in condition

Melting point/Melting range : Undetermined  
 Boiling point/Boiling range :  $\geq 245^{\circ}$  C

### Flash point

218<sup>o</sup> C

### Ignition temperature

Not applicable

### Danger of explosion

Not applicable

### Vapor pressure at 20<sup>o</sup> C

$\leq 26.66$  hPa

### Density at 25<sup>o</sup> C

1.18 g/cm<sup>3</sup>

### Solubility in/Miscibility with water

Insoluble

## 10. Stability and reactivity

### Thermal decomposition/conditions to be avoided

No decomposition if used and stored according to specifications

### Materials to be avoided

Acids, bases, amines, and oxidizing agents

### Dangerous reactions

Reacts with acids, alkalis and oxidizing agents

Reacts with amines

### Dangerous products of decomposition

Carbon monoxide and carbon dioxide

## 11. Toxicological information

### Acute toxicity

LD/LC50 values that are relevant for clasification  
 28064-14-4 Reaction product of Phenol-formaldehyde Novolac with  
 Epichlorohydrin

Oral	LD 50	>2000 mg/kg	(rat)
Dermal	LD 50	>2000 mg/kg	(rabbit)

### Primary irritant effect:

#### On the skin

Irritant to skin and mucous membranes

#### On the eye

Irritating effect

## 12. Ecological information

Information about elimination (persistence and degradability)  
Not easily biodegradable

## 13. Disposal considerations

Product

Recommendation

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

Uncleaned packaging

Recommendation

Disposal must be made according to official regulations

Packaging

Completely emptied packagings may be given for recycling.

Empty packaging may still contain hazardous residues.

Empty packaging should be removed by a licensed waste contractor.

## 14. Transport Information

Regulatory information	UN number	Proper shipping name	classes	PG	Additional information
DOT classification	Not regulated		-	-	-
TDG classification	Not regulated		-	-	-
ADR/RID class	Not regulated		-	-	-
IMDG class	Not regulated		-	-	-
IATA-DGR class	Not regulated		-	-	-

## 15. Regulatory information

Hazard symbol(s)

Xi irritant

Contains

Cement

R-phrases (s)

R41

Risk of serious damage to eyes

R37/38

Irritating to respiratory system and skin

R-43

May cause sensitization by skin contact

Safety phrases

S24

Avoid contact with skin.

S26

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S37/39

Wear suitable gloves and eye/face protection.

Remark

76/769/EC / AI/47

VOC content (EU)

VOC (w/w): 0%

Regulatory information

Classification according to PP No. 74 Th 2001 The product is classified as Bersifat Iritasi (Irritant) substance.

## 16. Other information

Notice to reader

This is data contained herein are furnished for information only and are believed to be reliable. However, PT. KIMIA KONSTRUKSI INDONESIA doesn't assume responsibility for any result obtained by over those methods are not controlled.

