

date of issue : 20/10/2014

## Safety Data Sheets

扫码联系

产品经理:



### 1. Identification of the substance/mixture and of the company/undertaking

Product identifier :

Product name : CONAR-C 9808A BLACK

Product code(SDS NO) :G2014002845\_E1-1

Details of the supplier of the safety data sheet

Manufacturer/Supplier :NIKKO BICS.CO.,LTD

Address :1-3-5 UCHI-KANDA CHIYODA-KU,TOKYO 101-0047 JAPAN

Competent section :SDS support

Telephone number :81-3-3294-8311

FAX :81-3-3233-4436

Emergency telephone number :81-47-497-1371

### 2. Hazards identification

GHS classification and label elements of the product

Classification of the substance or mixture

HEALTH HAZARDS

Carcinogenicity : Category 2

Specific target organ toxicity-single exposure : Category 2

Specific target organ toxicity-repeated exposure : Category 1

(Note) GHS classification without description : Not applicable/Out of classification/Not classifiable

Label elements



Signal word :Danger

HAZARD STATEMENT

Suspected of causing cancer

May causes damage to organs after single exposure

Causes damage to organs following repeated exposure

### 3. Composition/information on ingredients

Substance/Preparation :

Mixtures

Ingredient name:Carbon black

content(%):30 - 35

CAS No.:1333-86-4

Ingredient name:Cellulose acetate butyrate

content(%):60 - 65

Chemicals No, Japan:8-168

CAS No.:9004-36-8

Ingredient name:Additive

content(%):1 - 5

CAS No.:Private

Ingredient name: Methyl ethyl ketone  
content(%): (As a residual solvent)  
Chemicals No, Japan: 2-542  
CAS No.: 78-93-3

Note : The figures shown above are not the specifications of the product.

Components contributing to the hazard

Component(s) come under Labeling, etc. article of Industrial Safety and Health Act, Japan

Methyl ethyl ketone

Component(s) come under Deliver of Documents, etc. article of Industrial Safety and Health Act, Japan

Carbon black, Methyl ethyl ketone, Additive

Not contain Component come under Harmful Substances article of PRTR Law, Japan

#### 4. First-aid measures

Descriptions of first-aid measures

General measures

Get medical attention/advice if you feel unwell.

IF INHALED

Remove victim to fresh air and keep at rest in a position comfortable for breathing.

IF ON SKIN (or hair)

Wash with soap and water.

IF IN EYES :

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IF SWALLOWED

Seek medical advice immediately and show this container or label.

Rinse mouth with water.

#### 5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media

Use appropriate extinguishing media suitable for surrounding facilities.

In case of fire, use water mist, foam, dry powder, CO2

Advice for firefighters

Specific fire-fighting measures

Keep personnel removed from and upwind of fire.

Be careful not to spill the material into the environment during firefighting measures.

Evacuate non-essential personnel to safe area.

Special protective equipment and precautions for fire-fighters

Firefighters should wear proper protective equipment.

#### 6. Accidental release measures

Personnel precautions, protective equipment and emergency procedures

Wear proper protective equipment.

Be careful not to slip on spilled area.

Keep unauthorized personnel away.

Environmental precautions

Prevent spills from entering sewers, watercourses or low areas.

Avoid raising dust.

Methods and materials for containment and cleaning up

Sweep up, place in a bag and hold for waste disposal.

Preventive measures for secondary accident

Prepare extinguishers before catching fire.

Shut off all sources of ignition; No flares, smoking or flames in area.

## 7. Handling and storage

### Precautions for safe handling

#### Preventive measures

(Exposure Control for handling personnel)

Do not breathe dust/fume/gas/mist/vapors/spray.

(Protective measures against fire & explosion)

Take precautionary measures against static discharge.

#### Safety treatments

Prevent deposition of dust.

Do not put dust in eyes.

#### Safety Measures/Incompatibility

Do not handle until all safety precautions have been read and understood.

Use personal protective equipment as required.

Wash hands et al thoroughly after handling.

When using do not eat, drink or smoke.

Do not use in areas without adequate ventilation.

### Conditions for safe storage, including any incompatibilities

#### Recommendation for storage

Store locked up.

Store in well-ventilated place. Keep container tightly closed.

#### Incompatible storage condition

Keep away from heat.

Do not expose to direct sunlight.

## 8. Exposure controls/personal protection

### Control parameters

#### Control value

(Methyl ethyl ketone)

Japan control value (1995)  $\leq 200$ ppm

#### Adopted value

(Methyl ethyl ketone)

JSOH(1964) 200ppm; 590mg/m<sup>3</sup>

(Carbon black)

ACGIH(2010) TWA: 3mg/m<sup>3</sup>(l)

(Methyl ethyl ketone)

ACGIH(1992) TWA: 200ppm

STEL: 300ppm (URT irr; CNS & PNS impair)

### Exposure controls

#### Appropriate engineering controls

Do not use in areas without adequate ventilation.

#### Individual protection measures

##### Respiratory protection

Wear respiratory equipment.

##### Hand protection

Wear suitable gloves.

##### Eye protection

Wear eye/face protection.

##### Skin and body protection

Wear suitable protective clothing.

#### Safety and Health measures

Wash ... thoroughly after handling.

Do not eat, drink or smoke when using this product.

Wash hands before breaks and at the end of work.

Gargle before breaks and at the end of work.

## 9. Physical and Chemical Properties

Information on basic physical and chemical properties

Physical properties

Appearance :solid (powder/granule)

Color :black

Odor :N.A

pH :N.A

Phase change temperature

Melting point/Freezing point :N.A

Decomposition temperature :N.A

Auto-ignition temperature :N.A

Specific gravity/Density :1.4g/cm<sup>3</sup>

## 10. Stability and Reactivity

Chemical stability

This product is considered a stable material under normal and anticipated storage and handling conditions.

## 11. Toxicological Information

Information on toxicological effects

Acute toxicity

Acute toxicity (Oral)

[GHS Cat. Japan, base data]

(Methyl ethyl ketone)

rat LD<sub>50</sub>=2483 mg/kg (PATY 4th, 1994)

Acute toxicity (Inhalation)

[GHS Cat. Japan, base data]

(Methyl ethyl ketone)

vapor : rat LC<sub>50</sub>=11700 ppm/4hr (IRIS, 2003)

Irritant properties

Skin corrosion/irritation

Skin corrosion/Irritation component(s) data

[GHS Cat. Japan, base data]

(Methyl ethyl ketone)

rabbit 500 mg/24H ; MODERATE

No Allergenic and sensitizing effects data available

No Mutagenic effects data available

No Teratogenic effects data available

Carcinogenicity

[GHS Cat. Japan, base data]

(Carbon black)

IARC (65, 1996) Gr.2B et al

(Carbon black)

IARC-Gr.2B : Possibly carcinogenic to humans.

(Carbon black)

ACGIH-A3(2010) : Confirmed Animal Carcinogen with Unknown Relevance to Humans

No reproductive toxicity data available

Delayed and immediate effects and also chronic effects from short- and long-term exposure

## STOT

## STOT-single exposure

## [cat.1]

[Japan published data]

(Methyl ethyl ketone) CNS ( IRIS, 2003 )

## [cat.2]

[Japan published data]

(Methyl ethyl ketone) kidney ( IRIS, 2003 )

## [cat.3(resp. irrit.)]

[Japan published data]

(Methyl ethyl ketone) Respiratory tract irritation ( IRIS, 2003 )

## STOT-repeated exposure

## [cat.1]

[Japan published data]

(Carbon black) lung ( IARC vol. 65, 1996 )

(Methyl ethyl ketone) CNS; peripheral nervous system ( IRIS, 2003 )

No Aspiration hazard data available

## 12. Ecological Information

## Toxicity

## Aquatic toxicity

## Aquatic acute toxicity component(s) data

[GHS Cat. Japan, base data]

(Carbon black)

Crustacea (Daphnia magna) EC50 &gt; 5600mg/L/24hr (IUCLID, 2000)

(Methyl ethyl ketone)

Fish (top minnow) LC50 &gt; 100mg/L/96hr (EPA\_Japan, 1996)

## Water solubility

(Carbon black)

none (ICSC, 1995)

(Methyl ethyl ketone)

29 g/100 ml (20 C) (ICSC, 1998)

No Persistence and degradability data available

## Bioaccumulative potential

(Methyl ethyl ketone)

log Pow=0.29 (ICSC, 1998)

## 13. Disposal considerations

## Waste treatment methods

Dispose of contents/container in accordance with local/national regulation.

Do not dump into sewers, on the ground or into any body of water.

Use appropriate containment to avoid environmental contamination.

## 14. Transport Information

## UN No, UN CLASS

Not applicable to UN NO.

## Special precautions for user

Protect against direct sunlight or rain.

#### 15. Regulatory Information

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

Industrial Safety and Health Act, Japan

Labeling, etc. (Article 18 of the Cabinet Order)

Methyl ethyl ketone

Delivery of Documents, etc. (Article 18-2, attached table 9)

Methyl ethyl ketone; Carbon black; Additive

The product is not applicable to Pollution Release and Transfer Register (PRTR) law, Japan

Fire Service Act, Japan

Synthetic resin

Chemical Substances Control Law, Japan

Priority Assessment Chemical Substances (PACSs)

Methyl ethyl ketone

#### 16. Other information

##### Reference Book

Globally Harmonized System of classification and labelling of chemicals, (4th ed., 2011), UN

Recommendations on the TRANSPORT OF DANGEROUS GOODS 18th edit., 2013 UN

2012 EMERGENCY RESPONSE GUIDEBOOK (US DOT)

2014 TLVs and BEIs. (ACGIH)

<http://monographs.iarc.fr/ENG/Classification/index.php>

Supplier's data/information

##### Other information

This document describes hazardous and harmful character at the shipping form.

The data given here is based on current knowledge and experience. The purpose of this Safety Data Sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the products' properties.