

MATERIAL SAFETY DATA SHEET

CARBON BLACK N 70

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifiers

Product name : CARBON BLACK N70
Product Number : 28030000

1.2 Relevant identified uses of the substance

Identified uses : By cement manufacturers as a colour contribution.

1.3 Details of the supplier of the safety data sheet

Company : JBS Associates
P.O. Jungalpur
P.S. Govindpur, Dist: Dhanbad
Jharkhand, India
Telephone : (033) 46018558

1.4 Emergency telephone number

Emergency Phone # : 9051955878

2. HAZARDS IDENTIFICATION

- 2.1 Inhalation** : May cause irritation to the lungs and mucous membranes. Although considered non-toxic through inhalation, avoid inhalation of dust.
- 2.2 Skin Contact / Absorption** : Avoid prolonged contact with skin.
- 2.3 Eye Contact** : May cause eye irritation.
- 2.4 Ingestion** : Not a likely route of exposure. Non-toxic through ingestion.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Synonyms : Activated Carbon, Charcoal, Charcoal Activated, Mineral Carbon.
Formula : C.
Molecular Weight : 12.01 g/mol.
Ash Content : 40 – 60%.
FC : 40 – 60%.

No components need to be disclosed according to the applicable regulations.

4. FIRST AID MEASURES

4.1 Description of first aid measures

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration.

In case of skin contact

Wash off with soap and plenty of water.

In case of eye contact

Flush eyes with water as a precaution.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water.

4.2 Indication of any immediate medical attention and special treatment needed

Consult Medical Practitioner.

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

No data available.

5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information

No data available.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Avoid breathing vapours, mist or gas.

6.2 Environmental precautions

No special environmental precautions required.

6.3 Methods and materials for containment and cleaning up

Sweep up and shovel. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs. Provide appropriate exhaust ventilation at places where dust is formed.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place.
Storage class (TRGS 510): Non Combustible Solids.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Appropriate engineering controls

General industrial hygiene practice.

Personal protective equipment

General protective equipment.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

- a) Appearance : Powder.
: Colour: Black.
- b) Odour : No odour.
- c) Odour Threshold : No data available.
- d) pH : No data available.
- e) Melting point/freezing : Melting point/range: 3,550 °C (6,422 °F) - lit. point.
- f) Initial boiling point and boiling range : No data available.
- g) Flash point : No data available.
- h) Evaporation rate : No data available.
- i) Flammability (solid, gas) : May form combustible dust concentrations in air.
- j) Upper/lower flammability or explosive limits : No data available.
- k) Vapour pressure : 1 hPa (1 mmHg) at 25 °C (77 °F).
- l) Vapour density : No data available.
- m) Relative density : 1.8 - 2.1 g/cm³.
- n) Water solubility : Soluble.
- o) Partition coefficient: n-octanol/water : No data available.
- p) Auto-ignition temperature : No data available.
- q) Decomposition temperature : No data available.
- r) Viscosity : No data available.
- s) Explosive properties : No data available.
- t) Oxidizing properties : No data available.

9.2 Other safety information

No data available.

10. STABILITY AND REACTIVITY

10.1 Reactivity

No data available.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

No data available.

10.5 Incompatible materials

Strong oxidizing agents.

10.6 Hazardous decomposition products

Other decomposition products - No data available

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity : No data available.

Inhalation : No data available.

Dermal : No data available.

Skin corrosion/irritation

No data available.

Serious eye damage/eye irritation

No data available.

Respiratory or skin sensitisation

No data available.

Germ cell mutagenicity

No data available.

12. ECOLOGICAL INFORMATION

12.1 Fish Toxicity : Data not available.

12.2 Biodegradability : Data not available.

12.3 Environmental Effect : Data not available.

13. DISPOSAL CONSIDERATIONS

13.1 Waste Disposal:

Dispose in according with all federal, provincial, and local regulations.

14. TRANSPORT INFORMATION

TDG Classification

14.1 **Shipping Name** : Not regulated.

14.2 **Class** : Not regulated.

14.3 **Group** : Not regulated.

14.4 **PIN Number** : Not regulated.

14.5 **Other** : Secure containers with suitable hold down devices during shipment and ensure all caps, valves, or closures are secured in the closed position.

15. REGULATORY INFORMATION

NOTE: THE PRODUCT LISTED ON THIS MSDS HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CONTROLLED PRODUCTS REGULATIONS. THIS MSDS CONTAINS ALL INFORMATION REQUIRED BY THOSE REGULATIONS.