



# WE CARE 4 BLACK.

SPECIALITY CARBON BLACKS USA

## MATERIAL SAFETY DATA SHEET (MSDS)

### 1. PRODUCT IDENTIFICATION

Product Name: Carbon Black

Company: ICI Specialty Carbon Black USA

MSDS No.: CB0031-0431-8

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	CAS #	% by Weight	OSHA PEL	ACGIH TLV	Notes
Carbon Black	1333-86-4	1–5%	3.5 mg/m <sup>3</sup>	3.5 mg/m <sup>3</sup>	Not classified as hazardous

IARC Classification: Group 2B (possible carcinogen).

### 3. HAZARDS IDENTIFICATION

Emergency Overview: Black, fine pigment powder.

- Inhalation: Mild respiratory irritation possible.
- Eyes: May cause mechanical irritation.
- Skin: Possible dryness with repeated contact.
- Ingestion: Not expected under intended use.

## **4. FIRST AID MEASURES**

- Inhalation: Move to fresh air.
- Eyes: Rinse thoroughly with water for 15 minutes.
- Skin: Wash with soap and water.
- Ingestion: Dilute with water and seek medical care if symptoms persist.

## **5. FIRE FIGHTING MEASURES**

- Extinguishing Media: CO<sub>2</sub>, water spray, dry chemical.
- Special Hazards: None under normal conditions.

## **6. ACCIDENTAL RELEASE MEASURES**

- Avoid dust inhalation. Sweep gently into a sealed container. Use dust-rated vacuum equipment.

## **7. HANDLING & STORAGE**

- Use adequate ventilation. Store in closed containers away from oxidizers.

## **8. EXPOSURE CONTROLS & PERSONAL PROTECTION**

- Eyes: Safety glasses if dust is present.
- Skin: Wash after handling.
- Respiratory: NIOSH dust mask if airborne levels may exceed limits.

## **9. PHYSICAL & CHEMICAL PROPERTIES**

- Appearance: Odorless black powder.
- pH: 5.5 – 6.5
- Boiling Point: 3500 °C
- Density: 1.71 g/cm<sup>3</sup>

## **10. STABILITY & REACTIVITY**

- Stable under normal use. No hazardous reactions expected.

## **11. TOXICOLOGICAL INFORMATION**

- Carbon black classified as IARC Group 2B. Low acute toxicity.

## **12. ECOLOGICAL INFORMATION**

- Avoid release to waterways. Not expected to be environmentally persistent.

## **13. DISPOSAL CONSIDERATIONS**

- Dispose in accordance with local regulations.

## **14. TRANSPORT INFORMATION**

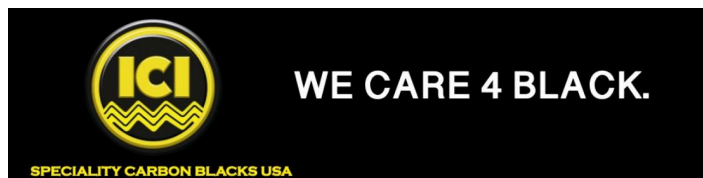
- Not regulated as hazardous for transport (DOT, IATA, IMDG, ADR).

## **15. REGULATORY INFORMATION**

- SARA 311/312: Acute, Chronic, Fire hazards.

## **16. OTHER INFORMATION**

- NFPA: Health 1 | Flammability 1 | Reactivity 0.
- Information provided without warranty.



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