



MATERIAL SAFETY DATA SHEET

This material will burn in case of fire. The decomposition products are CO, phenol derivatives. Avoid inhalation of smoke.
Special protective equipment for fire fighters: none
UEL: n/a LEL: n/a

Section 6: Accidental Release Measures

Sweep up or clean up with an approved toner vacuum.

Section 7: Handling and Storage

Special Handling: Cleanse skin after contact before breaks or meals, and end of work day. Avoid inhalation.
Special Storage: Keep out of reach of children. Store in a cool dry place.

Section 8: Exposure Control and Personal Protection Information:

Respiratory Protection: none required under normal use. Hand Protection: none required under normal use.
Eye Protection: none required under normal use. Skin Protection: none required under normal use.

Section 9: Physical and Chemical Properties

CHARACTERISTICS:

Table with 4 columns: Property, Value 1, Value 2, Value 3. Rows include Appearance (Black), Form (Fine powder), Odor (Odorless), Solubility in Water (Insoluble), Specific gravity (5.2), Melting point (1500°C), Vapor pressure (n/a), Vapor density (n/a), Evaporation rate (n/a), Boiling point (n/a).

Section 10: Stability and Reactivity

Conditions to avoid: Strong acid or alkaline Materials to avoid: none Stability: Stable
Hazardous decomposition products: CO, phenol derivative at high temps.

Section 11: Toxicological Information:

Acute oral toxicity (rat) LDLo: 5.0 g/kg LDLO 6.42mg/l Ames Test result: Negative Skin irritation (rabbit): Mildly irritant
Carcinogenicity: In 1996, the IARC reevaluated carbon black as a GROUP 2B carcinogen (possible human carcinogen). This evaluation is given to carbon black for which there is inadequate human evidence, but sufficient animal evidence. The latter is based upon the development of lung tumors in rats receiving chronic inhalation exposures to free carbon black at a level that induce particle overload of the lungs. Studies performed in mice have not demonstrated an association between carbon black and lung tumors. Moreover, a two-year cancer bioassay using a typical toner preparation containing carbon black demonstrated no association between toner and tumor development in rats.

Section 12: Environmental / Ecological Information

None

Section 13: Disposal Consideration

Waste material may be dumped or incinerated under conditions which meet all federal, state and local environmental regulations.

Section 14: Transportation Information

None

Section 15: Regulatory Information

None

Section 16: Miscellaneous Information

On the basis of the data available to us, this developer is not a dangerous substance. One should, however, observe the usual precautionary measures for dealing with chemicals.