



Material Safety Data Sheet Contone

Date Prepared: 5/1/2006

Section I - Product and Company Identification

- Product Name: Contone
- Chemical Family: Graphite, Asphalt, Aluminum Silicate
- Formula: Proprietary Blend
- Package Size: 50 # sacks
- Application: Lost circulation additive, torque & drag additive, high pressure high temperature additive, shale inhibitor
- Supplier: Bulldog Chemicals
29030 Lake Houston Lane
Huffman, TX 77336
Emergency Telephone: 281-360-7315

Section II – Composition

- Material or Component: 99.9% insoluble graphite, asphalt aluminum silicate.

Section III – Physical and Chemical Properties

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|------------------------|-------------------|-------------------|-----|
| • Appearance: | grey/black powder | Vapor Pressure: | n/a |
| • Solubility in Water: | 99.9% insoluble | Specific Gravity: | 2.4 |
| • Boiling Point: | n/a | Volatile Volume: | 4% |
| • Odor: | none | Evaporation Rate: | n/a |
| • Vapor Density: | n/a | | |

Section IV – Fire and Explosion Data

- Non-flammable

Section V – Stability and Reactivity

- Stability: stable
- Reactivity: none
- Hazardous Decomposition: none
- Hazardous Polymerization: will not occur



Contone

Section VI – Health Hazard Data

- Threshold Limit Value: Treat as inert or nuisance particulate: OSHA TLV of 15mg/M³ of air inhalation of excessive concentrations of dust may be irritating to nose and throat, long term inhalation could cause lung damage or cancer because of aluminum silicate.
- Skin: flush with soap and water.
- Medical conditions aggravated by exposure: inhalation of dust may cause sneezing. First Aid Procedures: Flush all contacted areas with water. If irritation persists, contact physician.

Section VII – Precautions for Safe Handling and Use

- Steps to be taken in case material is released or spilled: sweep up, normal housekeeping. No neutralizing chemicals required. If practical, reclaim and recycle.
- Waste disposal method: dispose in permitted industrial landfill.
- Precautions to be taken in handling and storing: store in dry area.
- Other Precautions: avoid inhalation of dust, store separate from flammable materials.

Section VIII – Exposure Controls, Personal Protection

- Ventilation: 10 changes per hour suggested.
- Respiratory Protection: Use a NIOSH/MESA approved dust mask.
- Eye Protection: Use safety glasses with side shields.
- Skin Protection: Use long-sleeved clothing and plastic or rubber gloves.
- Other Protective Equipment: eye wash
- Work/Hygienic Practices: Normal precautions for handling chemicals should be observed.

Section IX – DOT Information

- DOT Hazardous Classification: None – No SARA title III chemicals
- Proper Shipping Name: Contone
- Hazard Class: none
- N.O.S. Description (for export only): n/a
- Packing Group: none