8. Exposure controls/personal protection

Occupational exposure limits

| U.S OSHA Components | Туре | Value | Form |
|-------------------------|------|---------|---------------------|
| Calcined petroleum coke | PEL | 5 mg/m3 | Respirable fraction |

| Components | туре | value | 1 01111 |
|--|---|----------------------------------|-----------------------|
| Calcined petroleum coke (CAS 64743-05-1) | PEL | 5 mg/m3 | Respirable fraction. |
| , | • · · · · · · · · · · · · · · · · · · · | 15 mg/m3 | Total dust. |
| US. OSHA Table Z-1 Limits for Air (Components | Contaminants (29 CFR 1910.1000) Type | Value | Form |
| Barium sulphate (CAS 7727-43-7) | PEL | 5 mg/m3 | Respirable fraction. |
| | | 15 mg/m3 | Total dust. |
| Cellulose (CAS 9004-34-6) | PEL | 5 mg/m3 | Respirable fraction. |
| | | 15 mg/m3 | Total dust. |
| Graphite (CAS 7782-42-5) | PEL | 5 mg/m3 | Respirable fraction. |
| | | 15 mg/m3 | Total dust. |
| Magnesium oxide (CAS | PEL | 15 mg/m3 | Total particulate. |
| 1309-48-4) US. OSHA Table Z-3 (29 CFR 1910. | 1000) | | |
| Components | Туре | Value | Form |
| Barium sulphate (CAS 7727-43-7) | TWA | 5 mg/m3 | Respirable fraction. |
| 1121-70-1) | | 15 mg/m3 | Total dust. |
| | | 50 mppcf | Total dust. |
| | | 15 mppcf | Respirable fraction. |
| Graphite (CAS 7782-42-5) | TWA | 15 mppcf | rvespirable fraction. |
| | | • • • | Despirable fraction |
| Magnesium oxide (CAS 1309-48-4) | TWA | 5 mg/m3 | Respirable fraction. |
| | | 15 mg/m3 | Total dust. |
| | | 50 mppcf | Total dust. |
| | | 15 mppcf | Respirable fraction. |
| Mullite (CAS 1302-93-8) | TWA | 5 mg/m3 | Respirable fraction. |
| , | | 15 mg/m3 | Total dust. |
| | | 50 mppcf | Total dust. |
| | | 15 mppcf | Respirable fraction. |
| ACGIH | | . сррс. | |
| Components | Туре | Value | Form |
| Calcined petroleum coke (CAS 64743-05-1) | TWA | 3 mg/m3 | Respirable fraction. |
| , | | 10 mg/m3 | Total dust. |
| US. ACGIH Threshold Limit Values | | Malaa | Form |
| Components | Туре | Value | Form |
| Barium sulphate (CAS 7727-43-7) | TWA | 5 mg/m3 | Inhalable fraction. |
| Cellulose (CAS 9004-34-6) | TWA | 10 mg/m3 | |
| Graphite (CAS 7782-42-5) | TWA | 2 mg/m3 | Respirable fraction. |
| Magnesium oxide (CAS | TWA | 10 mg/m3 | Inhalable fraction. |
| 1309-48-4) Mullite (CAS 1302-93-8) | TWA | 1 mg/m3 | Respirable fraction. |
| US. NIOSH: Pocket Guide to Chem | | | |
| Components | Туре | Value | Form |
| Barium sulphate (CAS | TWA | 5 mg/m3 | Respirable. |
| 7727-43-7) | | 10 mg/m3 | Total |
| | | • | |
| Cellulose (CAS 9004-34-6) | TWA | 5 ma/m3 | respirable. |
| Cellulose (CAS 9004-34-6) | TWA | 5 mg/m3 10 mg/m3 | Respirable. Total |
| Cellulose (CAS 9004-34-6) Graphite (CAS 7782-42-5) | TWA TWA | 5 mg/m3 10 mg/m3 2.5 mg/m3 | Total Respirable. |

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