



## MATERIAL SAFETY DATA SHEET

**COMPANY:** NATIONAL ABRASIVES LTD. **DATE:** 13 OCTOBER 2017 Updated on: 13-10-17  
**ADDRESS:** 54 ALBERT ROAD NORTH, REIGATE, SURREY, RH2 9EL, UNITED KINGDOM  
**AUTHORIZED PERSON:** STEPHEN FURNELL **POSITION:** MANAGING DIRECTOR  
**PHONE:** ++44(0)1737 242 593 - **FAX:** ++44(0)1737 234 720 - **Internet:** [www.national-abrasives.com](http://www.national-abrasives.com) - **e-mail:** sales@national-abrasives.co.uk

### 1. PRODUCT INFORMATION

BRAND NAME: MINI FILL  
ITEM NUMBER:  
COMMODITY CODE:  
CHEMICAL FAMILY: JOINT COMPOUND  
INTENDED USE: JOINT COMPOUND / FILLER  
PREPARATION DATE:  
PREPARED BY: NATIONAL ABRASIVES LTD.

### 2. COMPOSITION – INFORMATION ON INGREDIENTS

| CAS No.    | Description                  | LC50<br>(ml/m <sup>3</sup> ) | LD50<br>oral (mg/kg) | LD50<br>Dermal (mg/kg) | Range       |
|------------|------------------------------|------------------------------|----------------------|------------------------|-------------|
| 12001-26-2 | MICA                         | N/AP                         | N/AV                 | N/AV                   | 1.0% - 5.0% |
| 12174-11-7 | MAGNESIUM ALUMINIUM SILICATE | N/AP                         | N/AV                 | N/AV                   | 1.0% - 5.0% |
| 14808-60-7 | SILICA, QUARTZ               | N/AP                         | N/AV                 | N/AV                   | 1.0% - 5.0% |

### 3. HAZARDS IDENTIFICATION

Emergency Overview: May be harmful if inhaled, absorbed through skin, or swallowed.  
Potential Health Effects  
Routes of Entry: Eye contact, skin contact, skin absorption, inhalation, and ingestion.  
Eye: May cause eye irritation.  
Skin contact: May cause skin irritation.  
Skin absorption: Substance may be harmful if absorbed through skin.  
Inhalation: Contains silica, quartz which can be inhaled while sanding product.  
Ingestion: May be harmful if swallowed.  
Effects of Chronic Exposure to Product: Refer to Section 11.  
Effects of Acute Exposure: MAY CAUSE EYE IRRITATION

### 4. FIRST AID MEASURES

Eye contact: Flush immediately with water for 15 minutes. Seek medical attention.  
Skin contact: Immediately flush skin with plenty of water. Remove clothing. Seek medical attention if irritation develops or persists. Contaminated clothing should be discarded in a manner of limiting further exposure.  
Skin absorption: Immediately flush skin with plenty of water. Remove clothing. Seek medical attention if irritation develops or persists. Contaminated clothing should be discarded in a manner of limiting further exposure.

Inhalation: Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.  
Seek medical attention.  
Ingestion: Seek medical attention immediately. Substance may be harmful if swallowed.

## 5. FIRE FIGHTING MEASURES

|                                |                               |
|--------------------------------|-------------------------------|
| Flash Point:                   | ABOVE 61C                     |
| Flash Point Method:            | CLOSED CUP                    |
| Upper Flammable Limit:         | N/AV                          |
| Lower Flammable Limit:         | N/AV                          |
| Autoignition:                  | N/AV                          |
| Hazardous combustion products: | N/AV                          |
| Means of Extinction:           | WATER FOG, DRY CHEMICAL, FOAM |
| Conditions of Flammability:    | N/AV                          |
| Explosion Data                 |                               |
| Mechanical Impact:             | N/AP                          |
| Static Discharge:              | N/AP                          |

## 6. ACCIDENTAL CONTAMINATION MEASURES

Dispose of in accordance with regional regulations.

## 7. HANDLING AND STORAGE

Handling Procedures and Equipment: Avoid contact with eyes, skin, and clothing.  
Storage Requirements: Keep away from food and drink.

## 8. EXPOSURE CONTROL AND PERSONAL PROTECTION

Specific Engineering Controls: If user operations generate dust, fume, or mist, use ventilation to minimise exposure.  
Personal Protective Equipment: Wear a positive pressure air supplied respirator in suitable situations where there is potential for airborne exposure.  
Exposure Limits: Consult local authorities for acceptable exposure limits.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                               |                           |
|-------------------------------|---------------------------|
| Appearance:                   | OFF WHITE PASTE           |
| Odour:                        | NONE                      |
| Vapour Pressure:              | N/AV                      |
| Vapour Density:               | N/AV                      |
| Physical State:               | THICK PASTE               |
| Boiling Point:                | APPROX 100C               |
| Freezing/Melting Point:       | APPROX 0C                 |
| pH:                           | 8                         |
| Evaporation Rate:             | SLOWER THAN BUTYL ACETATE |
| Coefficient water/oil distr.: | N/AV                      |
| Odour Threshold:              | N/AV                      |
| Specific Gravity:             | 1.7270                    |

## 10. STABILITY AND REACTIVITY

Conditions to Avoid: None known.  
Materials to Avoid: None known.  
Hazardous Decomposition Products: Not available.

Hazardous Polymerisation: Not available.

#### 11. TOXICOLOGICAL INFORMATION

Sensitization to Product: Not available.

Carcinogenicity: Contains silica quartz which is a confirmed human carcinogen.

Irritancy of Product: Contains mica, magnesium aluminium silicate and silica quartz. These powders can only be inhaled when sanding. During sanding be sure to wear a respirator.

Reproductive Toxicity: Not available.

Teratogenicity: Not available.

Mutagenicity: Not available.

Name of Toxicologically Synergistic Products: Not available.

#### 12. ECOLOGICAL INFORMATION

Not available.

#### 13. DISPOSAL CONSIDERATIONS

Contact your local municipal office for specific disposal guidelines in your region.

#### 14. TRANSPORT

|                             |    |
|-----------------------------|----|
| TDG Road Classification     |    |
| Shipping Name:              | NR |
| Class:                      | NR |
| Packing Group:              | NR |
| UN #:                       | NR |
| Limited Quantity Exemption: | NR |

#### 15. REGULATORY INFORMATION

|                        |      |
|------------------------|------|
| WHMIS Classification   | D2A  |
| P.C.P. Registration #: | N/AP |
| EPA Registration #:    | N/AP |

This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

#### 16. OTHER INFORMATION

N/AV: Not available  
N/AP: Not applicable  
NR: Not regulated

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