



# MATERIAL SAFETY DATA SHEET

Schnee-Morehead<sup>®</sup>, Inc.

## SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME** : SM2101  
**PRODUCT CODE** : SM2101  
**DESCRIPTION** : Cura Sil<sup>®</sup> Part A  
**MANUFACTURER'S NAME** : Schnee-Morehead, Inc.  
**STREET ADDRESS** : 111 North Nursery Road, Irving, Texas  
**INFORMATION PHONE** : 972-438-9111 **EMERGENCY PHONE** : 800-424-9300

## SECTION 2 - HAZARDS IDENTIFICATION

**APPEARANCE / ODOR**: White creamy paste, slight sulphur odor.

Repeated or prolonged contact may cause irritation to skin or eyes. May be harmful if ingested.

The fumed silica present in the formulation is completely wetted out and therefore poses no dust hazard during normal use.

## SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

| <b>HAZARDOUS COMPONENTS</b>                           | <b>CAS NUMBER</b> | <b>PERCENT (WGT)</b> |
|---|-------------------|----------------------|
| Butyl Benzyl Phthalate                                | 85-68-7           | 5 - 15               |
| Silica - Amorphous, Fumed                             | 112945-52-5       | 1 - 5                |
| N-beta-(aminoethyl)-gamma-aminopropyltrimethoxysilane | 1760-24-3         | 0.5 - 3              |
| Phenol  | 90-72-2           | 1 - 4                |

## SECTION 4 - FIRST AID MEASURES

**EYE CONTACT** : Flush with plenty of water for at least 15 minutes. Get medical attention if irritation develops.  
**SKIN CONTACT** : Wash infected areas with soap and water. Immediately remove contaminated clothing and shoes. Get medical attention if irritation develops.  
**INHALATION** : Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.  
**INGESTION** : DO NOT INDUCE VOMITING. Get medical attention.  
**NOTES TO PHYSICIANS** : None

## SECTION 5 - FIRE AND EXPLOSION HAZARD DATA

**EXTINGUISHING MEDIA** : Use powder or CO<sub>2</sub> for a small fire. For a large fire, it is effective that air supply is stopped with extinguishing media such as foam.  
**SPECIAL FIREFIGHTING PROCEDURES** : Cool equipment and facilities surrounding the product by spaying water.  
**UNUSUAL FIRE AND EXPLOSION HAZARD** : Avoid spraying with water due to the danger of spreading.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS** : Wear gloves and other protective clothing to minimize contact with skin and wear safety glasses or goggles to avoid eye contact.  
**ENVIRONMENTAL PRECAUTIONS** : Avoid contamination of the soil, avoid drain-off in the sewerage, drainpipes and surface water.  
**METHODS FOR CONTAINMENT** : For a small spill, soak up with absorbant material. For a large spill dike to prevent spreading and then cover with inert material (e.g., dry sand or earth) and collect for proper disposal.



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**METHODS FOR CLEAN-UP :** Wash spill area with water. Collect wash water for approved disposal

**OTHER INFORMATION :** None.

### SECTION 7 - HANDLING AND STORAGE

**HANDLING :** Avoid open flame, sparks and heat. Avoid breathing vapor, or mist. Avoid contact with skin or clothing. Avoid contact with the eyes. Use only with adequate ventilation/personal protection. Wash thoroughly after handling. Keep container closed when not in use.

**STORAGE :** Store in a cool dry place. Store in original containers.

### SECTION 8 - EXPOSURE CONTROL / PERSONAL PROTECTION

**COMPONENT EXPOSURE LIMITS :**

Not established

**ENGINEERING CONTROLS:** Use local and general exhaust ventilation to control levels of exposure.

**EYE/ FACE PROTECTION:** Chemical safety goggles or safety glasses with side shields.

**SKIN PROTECTION:** Use permeation resistant gloves. Wear cloth work clothing including long pants and long-sleeved shirts.

**RESPIRATORY PROTECTION:** If needed, a NIOSH approved air purifying respirator with organic vapor cartridges and particulate prefilter can be used.

**GENERAL HYGIENE:** Emergency showers and eye wash stations should be available. After use wash hands before eating, drinking or using tobacco products. Use good hygiene practices.

### SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

|                          |                     |                              |                |
|--------------------------|---------------------|------------------------------|----------------|
| <b>APPEARANCE:</b>       | White creamy paste  |                              |                |
| <b>ODOR:</b>             | Slight sulphur odor | <b>Ph:</b>                   | N.A.           |
| <b>PHYSICAL STATE:</b>   | Paste               | <b>SPECIFIC GRAVITY:</b>     | 1.19           |
| <b>VAPOR PRESSURE:</b>   | N.A.                | <b>PERCENT NONVOLATILE:</b>  | 99.9%          |
| <b>VAPOR DENSITY:</b>    | N.A.                | <b>VOC:</b>                  | 0.12 g/l       |
| <b>BOILING POINT:</b>    | N.A.                | <b>FLASH POINT (METHOD):</b> | 108°F (42.2°C) |
| <b>MELTING POINT:</b>    | N.A.                | <b>UPPER LIMIT:</b>          | N.A.           |
| <b>SOLUBILITY (H2O):</b> | Negligible          | <b>LOWER LIMIT:</b>          | N.A.           |

### SECTION 10 - STABILITY AND REACTIVITY

**CHEMICAL STABILITY:** Stable

**CONDITIONS TO AVOID:** Oxidizing agents

**INCOMPATIBLE MATERIALS:** Water and moisture.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Thermal decomposition may produce toxic fumes of carbon monoxide and/or carbon dioxide.

**POSSIBILITY OF HAZARDOUS REACTIONS:** None known.



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## SECTION 11 - TOXICOLOGICAL INFORMATION

**ACUTE AND CHRONIC EFFECTS:**

Not Established

**COMPONENT ANALYSIS – LD50/LC50:**

Phenol Acute Oral LD50 = 1653 mg/kg (rat)  
Acute Dermal LD50 = 1350 mg/kg (rabbit)

Butyl Benzyl Phthalate Acute Oral LD50 = >2000 mg/kg (rat)  
Acute Dermal LD50 = >5000 mg/kg (rabbit)

**CARCINOGENICITY:** NTP: No IARC: No OSHA REGULATED: No

**OTHER TOXICOLOGICAL INFORMATION:**

None

## SECTION 12 - ECOLOGICAL INFORMATION

**GENERAL:**

Butyl Benzyl Phthalate is considered a marine pollutant.

**COMPONENT ANALYSIS:**

Butyl Benzyl Phthalate Biodegradation: Aerobic,>70%, exposure time = 28 days, Readily biodegradable

## SECTION 13 - DISPOSAL CONSIDERATIONS

**WASTE NUMBER AND DESCRIPTION:**

Not Established

**DISPOSAL INSTRUCTIONS:**

Waste disposal should be in accordance with existing federal, state and local environmental control laws.

## SECTION 14 - TRANSPORTATION INFORMATION

**PROPER SHIPPING NAME / DESCRIPTION:**

Not Applicable / Not Required

**OTHER INFORMATION:**

None

## SECTION 15 - REGULATORY INFORMATION

The components of this product are on the TSCA inventory.

US EPA CERCLA Hazardous Substances (40 CFR 302):

Butyl Benzyl Phthalate RQ=100 lbs.

## SECTION 16 - OTHER INFORMATION

**DATE PREPARED:** March 10, 2010

**SUPERCEDES DATE:**

March 6 2007

**HMIS: HEALTH:** 1 **FIRE:** 2 **REACTIVITY:** 1 **PERSONAL PROTECTION:** C



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## Schnee-Morehead<sup>®</sup>, Inc.

0 = Minimal hazard, 1 = Slight hazard, 2 = moderate hazard, 3 = Severe hazard, 4 = Extreme hazard

### **KEY / LEGEND:**

*N/A = Not Applicable, N.A. = Not Available, N.D. = Not Determined, N/E = Not established, UNK = Unknown*

*This document may be used to comply with OSHA's Hazardous Communication Standard, 29 CFR 1910.1200.*

*A MSDS such as this cannot be expected to cover all possible individual situations. The end user of this product has the responsibility to provide a safe workplace. All aspects of an individual operation should be examined to determine if, or where, precautions – in addition to those described herein – are required. Any health and safety information contained herein should be passed on to your customers and/or employees.*

*The opinions expressed herein are those of qualified experts within Schnee-Morehead<sup>®</sup>, Inc. We believe that the information contained herein is current as of the date of this Material Safety Data Sheet. Since the use of this information and the use of this product are not within the control of Schnee-Morehead<sup>®</sup>, Inc., final determination of suitability of this product is the sole responsibility of the user. It is the responsibility of the user to comply with all applicable Federal, State and Local laws and regulations.*