

# SIAL

2860 Boul. Le Corbusier  
Laval, Qc., H7L 3S1  
Tel: (450) 687-4046 Fax: (450) 687-4105

## MATERIAL SAFETY DATA SHEET

Page 1

### SECTION 1 IDENTIFICATION OF PRODUCT

Description : Clay  
Product Name : **90F, Plastisial Paper Clay**  
Used For : Modeling, **Non-Firing Clay**

### SECTION 2 HAZARDOUS INGREDIENTS

INGREDIENTS	CAS #	%	SPECIFICATION
Respirable Free Silica (Quartz)	14808-60-7	< 6.5 %	
1,2 Benzthiazolin-3-one	2634-33-5	< 0.005 %	

\*NB : Free Silica is not a hazard in moist or wet form ; it is hazardous only if clay is dry and dust is generated.

### SECTION 3 PHYSICAL DATA

Physical Aspect : Solid paste  
Odor : None  
Color : Buff White  
Density : N/A  
Freezing Point : < 0°C  
Boiling Point : N/A  
Vapor Pressure : N/A  
Solubility in Water : Unlimited ; forms a dispersion  
Percent Volatile: WATER, approximately 20%  
PH : N/A

### SECTION 4 FIRE AND EXPLOSION RISKS

None

### SECTION 5 REACTIVITY DATA

Reactivity Conditions : None  
Incompatibility with other substances : None

### SECTION 6 TOXICOLOGICAL PROPERTIES INFORMATION

Skin Contact : None  
Eye Contact : Rinse abundantly with water – Consult a physician if irritation persists. Wear safety glasses  
Inhalation : None ; No special protection is required  
Ingestion : None  
Dried Dust Inhalation : Long term respiratory difficulties (Silicosis). Wear a NIOSH/MSHA/OSHA approved respirator mask, if handling or processing dried clay

<b>SECTION 7</b>	<b>DISPOSAL REQUIREMENTS</b>
------------------	------------------------------

Inflammability : None  
 Handling : No special precautions needed  
 Storage : Avoid freezing  
Waste & Container Disposal methods : Disposal methods for non-hazardous materials should be complied with. May be buried in approved land disposal facility, in accordance with Local, Provincial and/or Federal regulations. The ceramic clay is not regulated by Canada DOT.

<b>SECTION 8</b>	<b>FIRST AID / Special protection information</b>
------------------	---

Skin Contact : Rinse abundantly with water  
 Eye contact : Rinse abundantly with water  
 Absorption : None  
 Eye Protection : Safety glasses recommended (optional)  
 Hand Protection : Protective gloves recommended (optional)  
 Respiratory Protection : None if working with clay ; NIOSH/MSHA/OSHA approved respirator mask is needed if working with fired and dried products  
 Ventilation : Not needed

<b>SECTION 9</b>	<b>OXIDIC COMPOSITION</b>
------------------	---------------------------

BaO	0.14 %
CaO	0.22 %
MgO	7.55 %
K <sub>2</sub> O	1.72 %
Na <sub>2</sub> O	0.06 %
Fe <sub>2</sub> O <sub>3</sub>	1.24 %
TiO <sub>2</sub>	1.21 %
MnO	0.01 %
P <sub>2</sub> O <sub>5</sub>	0.13%
Al <sub>2</sub> O <sub>3</sub>	15.54 %
SiO <sub>2</sub>	72.31 %

<b>SECTION 10</b>	<b>SPECIFIC RECOMMENDATION</b>
-------------------	--------------------------------

The information contained herein is believed to be accurate, but SIAL makes no warranty as to correctness with respect there and disclaims responsibility for reliance thereon. This information applies only to the specific material described herein, and does not relate to use in connection with any other materials or in any process. SIAL makes no warranty, express or implied, concerning this product. No warranty or fitness for any particular purpose is made and we assume no responsibility whatever for any use of this product. This product should be used by properly trained personnel in compliance with applicable health and safety laws and regulations.

Revised Date : July 2014