

**SIAL**

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**MATERIAL SAFETY DATA SHEET**

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**SECTION 1 IDENTIFICATION OF PRODUCT**

Description : Clay  
Product Name : **92F Vallauris 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 : Red  
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, approx. 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>
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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>
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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>OXYDIC COMPOSITION</b>
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BaO	0.03 %
CaO	0.31 %
MgO	7.94 %
K <sub>2</sub> O	2.39 %
Na <sub>2</sub> O	0.24 %
Fe <sub>2</sub> O <sub>3</sub>	3.73 %
TiO <sub>2</sub>	1.40 %
P <sub>2</sub> O <sub>5</sub>	0.12 %
Al <sub>2</sub> O <sub>3</sub>	15.84 %
SiO <sub>2</sub>	68.00 %

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