



**RETURN BIDS TO:**

**RETOURNER LES SOUMISSIONS À:**

Réception des soumissions - TPSGC / Bid Receiving  
- PWGSC  
1550 Avenue d'Estimauville  
1550 D'Estimauville Avenue  
Québec  
Québec  
G1J 0C7

**SOLICITATION AMENDMENT  
MODIFICATION DE L'INVITATION**

The referenced document is hereby revised; unless otherwise indicated, all other terms and conditions of the Solicitation remain the same.

Ce document est par la présente révisé; sauf indication contraire, les modalités de l'invitation demeurent les mêmes.

**Comments - Commentaires**

**Vendor/Firm Name and Address**  
Raison sociale et adresse du  
fournisseur/de l'entrepreneur

**Issuing Office - Bureau de distribution**  
TPSGC - PWGSC  
601 - 1550 Avenue d'Estimauville  
Québec  
Québec  
G1J 0C7

<b>Title - Sujet</b> Environmental Chambers	
<b>Solicitation No. - N° de l'invitation</b> W7701-176259/A	<b>Amendment No. - N° modif.</b> 004
<b>Client Reference No. - N° de référence du client</b> W7701-176259	<b>Date</b> 2017-01-26
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$QCW-029-16999	
<b>File No. - N° de dossier</b> QCW-6-39253 (029)	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> <b>on - le 2017-02-06</b>	<b>Time Zone</b> Fuseau horaire Heure Normale du l'Est HNE
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input checked="" type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Laliberté Seyer, Arlow	<b>Buyer Id - Id de l'acheteur</b> qcw029
<b>Telephone No. - N° de téléphone</b> (418) 649-2824 ( )	<b>FAX No. - N° de FAX</b> (418) 648-2209
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b>	

**Instructions: See Herein**

**Instructions: Voir aux présentes**

<b>Delivery Required - Livraison exigée</b>	<b>Delivery Offered - Livraison proposée</b>
<b>Vendor/Firm Name and Address</b> Raison sociale et adresse du fournisseur/de l'entrepreneur	
<b>Telephone No. - N° de téléphone</b> <b>Facsimile No. - N° de télécopieur</b>	
<b>Name and title of person authorized to sign on behalf of Vendor/Firm</b> <b>(type or print)</b> <b>Nom et titre de la personne autorisée à signer au nom du fournisseur/</b> <b>de l'entrepreneur (taper ou écrire en caractères d'imprimerie)</b>	
<b>Signature</b>	<b>Date</b>

N° de l'invitation - Solicitation No.  
W7701-176259/A

N° de la modif - Amd. No.  
004

Id de l'acheteur - Buyer ID  
QCW029

N° de réf. du client - Client Ref. No.  
W7701-176259

File No. - N° du dossier  
QCW-6-39253

N° CCC / CCC No./ N° VME - FMS

### **Modification 004**

Title: Temperature and humidity environmental chambers

W7701-176259/A

Included in the present amendment:

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#### **Questions and Answers (1)**

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**Question #1:** Can you please provide the MSDS for any chemicals being used in the chambers, including the ballistics gelatin and the plastilina?

**Answer #1:** See the following attached files: « MSDS for #33208 – ROMA PLASTILINA » and « MATERIAL SAFETY DATA SHEET »



Clay Modeling Products  
Since 1892, the finest name in modeling clay

Chavant, Inc.  
5043 Industrial Road  
Farmingdale, NJ 07727

1-800-CHAVANT  
Fax: (732) 751-1982  
Internet: <http://www.chavant.com>  
E-mail: [mail@chavant.com](mailto:mail@chavant.com)

## SAFETY DATA SHEET

June 1, 2015

### SECTION 1. PRODUCT IDENTIFICATION

TRADE NAMES: Roma Plastelina  
CHEMICAL NAME: Sulfur-Based Modeling Clay  
EMERGENCY PHONE: 1-800-242-8268  
1-732-751-0003  
EMERGENCY FAX: 1-732-751-1982

### SECTION 2. HAZARDS IDENTIFICATION

This product is not hazardous as defined in 29 CFR 1900.1200. The composition of this clay is a trade secret as allowed by 29 CFR 1910.1200-48. In the event of a medical emergency, compositional information will be provided to a physician or nurse.

Product labeling conforms to ASTM D-4236 (no special label required).

### SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	Percent
Wax	10-60
Oil	10-60
Filler	10-60

### SECTION 4. FIRST AID MEASURES

EYE CONTACT: Flush with water.  
SKIN CONTACT: Modeling clay is normally used with no skin protection. If irritation appears, it is an allergic reaction and use should be discontinued.  
INHALATION: Normally not required.

INGESTION: Normally not required.

## SECTION 5. FIRE AND EXPLOSION HAZARD

FLASH POINT: >200 °F.

FLAMMABLE LIMITS: N/A

SPECIAL FIRE FIGHTING INFORMATION: Firefighters should use self-contained breathing apparatus to avoid exposure to smoke.

## SECTION 6. ACCIDENTAL RELEASE

Dispose with regular waste. No special treatment is required.

## SECTION 7. HANDLING AND STORAGE

HANDLING: No PPE required. Use common sense.

STORAGE: Store away from possible ignition sources

## SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

No PPE required. Wash hands after use.

## SECTION 9. PHYSICAL & CHEMICAL PROPERTIES

Appearance and Odor: Various colors depending on product. Some products may have a slight odor.

Specific Gravity: Varies between 1.47 – 1.76 g/cm<sup>3</sup>, depending on formula

Solubility in Water: Negligible ( <1% )

Evaporation Rate: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Melting Point: 180 °F or greater depending on formula

## SECTION 10. STABILITY AND REACTIVITY

STABILITY: Stable

INCOMPATIBILITY: N/A

HAZARDOUS DECOMPOSITION: N/A

HAZARDOUS POLYMERIZATION: N/A

**SECTION 11. TOXICOLOGICAL INFORMATION**

ACUTE TOXICITY: None known

SUBCHRONIC/CHRONIC TOXICITY: None known

**SECTION 12. ECOLOGICAL INFORMATION**

Inert, non-hazardous.

**SECTION 13. DISPOSAL CONSIDERATIONS**

Dispose according to local regulations.

**SECTION 14. TRANSPORT INFORMATION**US Department of Transportation (DOT) 49 – CFR 172.101  
This product is not regulated as a dangerous good.Canadian Transportation of Dangerous Goods (T.D.G.) – TDGR  
This product is not regulated as a dangerous good.Secretary of Communication and Transportation (SCT) – NOM-002-SCT2/1994 (Mexico)  
This product is not regulated as a dangerous good.International and Domestic Air Transportation – ICAO & IATA Section 4.2  
This product is not regulated as a dangerous good.International Water Transportation – IMDG Code Amendment 31-02  
This product is not regulated as a dangerous good.Ministry of Transportation of the E.U. (PONTO) 49 - CFR 172.101  
This product is not regulated as a dangerous good.Harmonized tariff schedule of the United States (2009) (Rev. 1)  
Modeling clay (best description): 3407.00.4000 3407**SECTION 15. REGULATORY INFORMATION**

OSHA Hazards: This material is not hazardous

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Section 302 extremely hazardous substance: No

Section 311 hazardous chemical: No

## SECTION 16. OTHER INFORMATION

NFPA HAZARD RATING

4 – EXTREME

3 – HIGH

2 – MODERATE

1 – SLIGHT

0 – INSIGNIFICANT

**Disclaimer of Liability**

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of Chavant, Inc. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. Chavant, Inc. assumes no legal responsibility for the use or reliance upon these data.

# MATERIAL SAFETY DATA SHEET

Page 1 of 2

Established on: Jul 29 1994  
Revised on: Mar 5 2010

## GELITA® Gelatine

### 1. SUBSTANCE AND COMPANY NAME

#### General Information

**Trade Name:** GELITA® Gelatine  
**Manufacturer/Supplier:** Manufacturer:  
GELITA USA Inc.  
P. O. Box 927  
Sioux City, IA 51102  
**General Information:** Phone: 712-943-5516  
Fax: 712-943-3372  
**Emergency/:** Phone: 712-943-5516

### 2. MATERIAL IDENTIFICATION AND INFORMATION

**Non-Hazardous Ingredients** Gelatine is not considered to be hazardous under Federal Hazard Communication Standard (29CFR 1910-1200)  
Gelatine is a food.  
Gelatine is Generally Regarded as Safe (GRAS)  
**CAS-number** 9000-70-8  
**Trade name:** GELITA® Gelatine

### 3. PHYSICAL / CHEMICAL CHARACTERISTICS

**Boiling Point:** Decomposes above 100°C; Complete combustion above 500°C  
**Specific Gravity(H<sub>2</sub>O =1)** 1.2  
**Solubility in Water:** Swells in cold; Soluble on warming to more than 35°C  
**Appearance and Odor:** Pale yellow to amber granules or powder free from disagreeable odor.

### 4. FIRE AND EXPLOSION HAZARD DATA

**Flash Point and Method Used:** Non-flammable  
**Suitable fire extinguisher:** Standard agents: Water fog, foam, alcohol foam, CO<sub>2</sub>, dry chemicals.  
**Special Fire Fighting Procedures:** None  
**Unusual Fire and Explosion Hazards:**  
**Explosion Characteristics:** None  
**Explosion Sensitivity:** Less than 0.2  
**Explosion Severity:** Less than 0.5  
**Additional fire-fighting information:** No special requirements.

### 5. REACTIVITY HAZARD DATA

**Stability:** Stable  
**Incompatibility (Materials to Avoid):** Strong Oxidizing Agents  
**Hazardous Decomposition Products:** None known  
**Hazardous Polymerization:** Will not occur

### 6. HEALTH HAZARD DATA

**Primary Routes of Entry:** Not hazardous  
**Carcinogenicity:** GRAS food ingredient with no carcinogenicity known  
**Health Hazard, Acute:** Not applicable  
**Health Hazard, Chronic:** Not applicable  
**Signs and Symptoms of Exposure:** None known  
**Medical Conditions Generally** None known  
**Aggravated by Exposure:**

### 7. TOXICOLOGICAL INFORMATION

**Acute Toxicity:** Gelatine 9000-70-8 – Oral LD50>5000 mg/kg (Rat).  
**Practical Experience:** No hazards to be expected.

# MATERIAL SAFETY DATA SHEET

Page 2 of 2

Established on: Jul 29 1994  
Revised on: Mar 5 2010

## GELITA® Gelatine

### 8. FIRST AID MEASURES

<b>General Information:</b>	No special measures required.
<b>Inhalation:</b>	Remove to fresh air, drink water to clear throat and blow nose to evacuate dust.
<b>Skin Contact:</b>	Wash with warm water.
<b>Eye Contact:</b>	Flush the eyes with water until irritation subsides.
<b>Ingestion:</b>	Gelatine is a food ingredient, no detrimental effect is expected
<b>Emergency First Aid Procedures:</b>	Seek Medical assistance for further treatment, observation and support if necessary.

### 9. CONTROL AND PROTECTIVE MEASURES

<b>Respiratory Protection:</b>	When indicated (Airborne dust) use a dust mask.
<b>Eye Protection:</b>	Protective glasses are recommended.
<b>Skin Protection:</b>	None required
<b>Ventilation to be Used:</b>	Not applicable
<b>Other Protective Clothing and Equipment:</b>	None required
<b>Hygienic Work Practices</b>	Good Manufacturing Practices

### 10. PRECAUTIONS FOR SAFE HANDLING AND USE / LEAK PROCEDURES

<b>Steps to be Taken in Material is Spilled or Released:</b>	Sweep up
<b>Waste Disposal Methods:</b>	Non-hazardous; bio-degradable
<b>Precautions:</b>	To preserve the integrity of the product, do not store exposed to excessive heat or in contact with water
<b>Other Precautions and / or Special Hazards:</b>	None known
<b>NFPA Rating:</b>	Health = 0, Flammability = 0, Reactivity = 0
<b>HMIS Rating:</b>	Health = 0, Flammability = 0, Reactivity = 0, Personal Protection = X

### 11. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions:</b>	No special measures or requirements. Good hygiene practice. Particular danger of slipping on spilled product especially if wet.
<b>Environmental Precautions:</b>	No special measures required. Completely bio-degradable.
<b>Clean-up Procedures:</b>	Dry sweeping or vacuum-cleaning to avoid airborne dust. Rest can be flushed with water.

### 12. DISPOSAL INFORMATION

<b>Material Mixture:</b>	Dispose according to local, state, and federal regulatory guidelines.
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### 13. TRANSPORT INFORMATION

<b>Transport by Land, Air, Sea</b>
No dangerous goods according to ADR / RID, IMDG / GGVSee, ICAO-TI / IATA-DGR

### 14. OTHER INFORMATION

The information in this safety data sheet is based on our present state of knowledge and does not certify product characteristics. Further information is defined in the product specification.  
The consignee of our product is responsible for complying with all relevant laws and regulations.