



## MATERIAL SAFETY DATA SHEET

BIO-TOUCH, INC.  
20515 Paseo Del Prado St  
Walnut, CA 91789  
USA

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### IDENTIFICATION

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Common name :	Olive pigment
CAS No:	1309-37-1
Chemical name or Trade name:	CI Pigment Olive CI 77491, CI 77499, CI 77492, CI 77891, CI 77289
Product class:	Viscous thick liquid
Molecular formula:	Fe <sub>2</sub> O <sub>3</sub> , Fe <sub>3</sub> O <sub>4</sub> , TiO <sub>2</sub> , Cr <sub>2</sub> O <sub>3</sub> .H <sub>2</sub> O

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### PHYSICAL & CHEMICAL CHARACTERISTICS

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Specific Gravity ( H <sub>2</sub> O=1)	Typical 1.73-1.83
Vapor density ( Air = 1 )	N/A
Solubility in water :	Insoluble, but miscible with water
Reactivity in water:	unknown
Appearance and odor:	Olive viscous liquid.
Flash Point:	N/A
Extinguishing Media:	Waterfog, carbon dioxide, dry chemical
Heavy Metals	Lead < 20 ppm    Arsenic < 3ppm    Mercury < 1 ppm

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### PHYSICAL HAZARDS

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Stability:	Stable
Conditions to avoid:	Strong acid or strong alkaline
Incompatibility:	unkown
Hazardous	
Decomposition products:	unknown
Hazardous	
Polymerization:	Will not occur

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### HEALTH HAZARDS

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Signs and symptoms of exposure:	N/A
Inhalation:	Remove patient to fresh air for treatment
Eyes:	Flush eyes with plenty of water. If irritation exist, obtain Medical attention
Skin:	Remove <del>July 1, 2013</del> wash skin with soap and water
Ingestion:	If large amounts of product are ingested obtain medical attention.

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SPECIAL PROTECTION INFORMATION

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Respiratory protection: N/A  
Ventilation: N/A  
Protective Gloves: Recommended  
Eye protection: Safety goggles  
Other protective clothing or equipment : N/A

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SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

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Steps to be taken in case material is released or spilled: Moisten slightly with water to reduce dust. Sweep up spilled material and discard into proper waste container.  
Waste disposal methods: Dispose of according to federal, state and local regulations.

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### IDENTIFICATION

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Common name :	Orange pigment
CAS No:	596-03-2
Chemical name or Trade name:	CI Pigment Orange CI 45370:1
Product class:	Viscous thick liquid
Molecular formula:	C <sub>20</sub> H <sub>10</sub> Br <sub>2</sub> O <sub>5</sub>

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### PHYSICAL & CHEMICAL CHARACTERISTICS

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Specific Gravity ( H <sub>2</sub> O=1)	Typical 1.30 1.40
Vapor density ( Air = 1 )	N/A
Solubility in water :	Insoluble,but miscible with water
Reactivity in water:	unknown
Appearance and odor:	Orange viscous liquid.
Flash Point:	N/A
Extinguishing Media:	Waterfog,carbon dioxide,dry chemical
Special Fire	None

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### PHYSICAL HAZARDS

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Stability:	Stable
Conditions to avoid:	Strong acid or strong alkaline
Incompatibility:	unkown
Hazardous Decomposition products:	unknown
Hazardous Polymerization:	Will not occur

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### HEALTH HAZARDS

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Signs and symptoms of exposure:	N/A
Inhalation:	Remove patient to fresh air for treatment
Eyes:	Flush eyes with plenty of water.If irritation exist.obtain Medical attention
Skin:	Remove by wiping,wash skin with soap and water
Ingestion:	If large amounts of product are ingested obtain medical attention.

July 1, 2013

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SPECIAL PROTECTION INFORMATION

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Respiratory protection:	N/A
Ventilation:	N/A
Protective Gloves:	Recommended
Eye protection:	Safety goggles
Other protective clothing or equipment :	N/A

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SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

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Steps to be taken in case material is released or spilled:	Moisten slightly with water to reduce dust.Sweep up spilled material and discard into proper waste container.
Waste disposal methods:	Dispose of according to federal, state and local regulations.

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### IDENTIFICATION

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Common name:	Pink Mauve pigment
CAS No:	5281-04-9 and 13463-67-7
Chemical name or Trade name :	Same as above
Product Class:	Organic pigment and titanium dioxide
Molecular Formula:	C <sub>18</sub> H <sub>14</sub> N <sub>2</sub> O <sub>6</sub> S.Ca , TiO <sub>2</sub>

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### HAZARDOUS INGREDIENTS

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CAS Reg . No.            None

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### PHYSICAL & CHEMICAL CHARACTERISTICS

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Specific Gravity ( H <sub>2</sub> O=1)	1.34-1.40
Vapor Density ( Air=1)	N/A
Solubility in Water	Insoluble
Reactivity in Water	unknown
Appearance and Odor:	Pink Mauve viscous liquid
Flash Point	Non-flammable

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### PHYSICAL HAZARDS

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Stability:	Stable
Condition to avoid:	None
Incompatibility:	unknown
Decomposition Products:	unknown
Polymerization:	unknown

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### HEALTH HAZARDS

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Eye contact :Flush eyes with plenty of low pressure water.If irritation exists,obtain medical attention.

Skin : Wash exposed skin areas with soap and water .If irritation exists,obtain medical attention.

Ingestion: Obtain medical attention if large amount of product is ingested.

Inhalation: No specific first aid procedures are necessary for accidental exposure to this product

July 1, 2013

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**SPECIAL PROTECTION INFORMATION**

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Respiratory Protection: Use of a NIOSH approved dust respirator is recommended  
When exposure limits may be exceeded.  
Ventilation : Local exhaust ventilation to collect or containment  
recommended to control dust to below exposure limits  
Protective Gloves: Recommended- leather or rubber  
Eye protection: Safety glasses,goggles,face shield.  
Other Protective Clothing or Equipment: N/A

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**SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES**

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**Precautions to be taken**

In handling and storage: Store in dry area. Protect container from physical damage.

Other precautions: Avoid conditions which may generate dusty environment.

**Steps to be taken in case**

Material is released or spilled: Normal clean up procedures. Care should be taken to  
avoid causing dust to become airborne. Vacuum cleaning  
Systems recommended.Do not flush to sewer.

**Waste disposal methods:**

Dispose of according in federal,state and local regulations

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### IDENTIFICATION

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Common name :	Red pigment
CAS No:	N/A
Chemical name or Trade name:	CI Pigment Red CI 16035:1
Product class:	Viscous thick liquid
Molecular formula:	N/A

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### PHYSICAL & CHEMICAL CHARACTERISTICS

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Specific Gravity ( H <sub>2</sub> O=1)	Typical 1.30 1.40
Vapor density ( Air = 1 )	N/A
Solubility in water :	Insoluble,but miscible with water
Reactivity in water:	unknown
Appearance and odor:	Red viscous liquid.
Flash Point:	N/A
Extinguishing Media:	Waterfog,carbon dioxide,dry chemical
Special Fire	None

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### PHYSICAL HAZARDS

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Stability:	Stable
Conditions to avoid:	Strong acid or strong alkaline
Incompatibility:	unkown
Hazardous	
Decomposition products:	unknown
Hazardous	
Polymerization:	Will not occur

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### HEALTH HAZARDS

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Signs and symptoms of exposure:	N/A
Inhalation:	Remove patient to fresh air for treatment
Eyes:	Flush eyes with plenty of water.If irritation exist.obtain Medical attention
Skin:	Remove by wiping,wash skin with soap and water
Ingestion:	If large amounts of product are ingested obtain medical attention.

July 1, 2013

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SPECIAL PROTECTION INFORMATION

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Respiratory protection:	N/A
Ventilation:	N/A
Protective Gloves:	Recommended
Eye protection:	Safety goggles
Other protective clothing or equipment :	N/A

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SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

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Steps to be taken in case material is released or spilled:	Moisten slightly with water to reduce dust.Sweep up spilled material and discard into proper waste container.
Waste disposal methods:	Dispose of according to federal, state and local regulations.

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### IDENTIFICATION

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Common name:	Red Wine
CAS No:	5281-04-9 and 13463-67-7
Chemical name or Trade name :	Same as above
Product Class:	Organic pigment and titanium dioxide
Molecular Formula:	C18H14N2O6S.Ca , TiO2

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### HAZARDOUS INGREDIENTS

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CAS Reg . No.	None
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### PHYSICAL & CHEMICAL CHARACTERISTICS

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Specific Gravity ( H2O=1)	1.36-1.41
Vapor Density ( Air=1)	N/A
Solubility in Water	Insoluble
Reactivity in Water	unknown
Appearance and Odor:	Red viscous liquid
Flash Point	Non-flammable

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### PHYSICAL HAZARDS

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Stability:	Stable
Condition to avoid:	None
Incompatibility:	unknown
Decomposition Products:	unknown
Polymerization:	unknown

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### HEALTH HAZARDS

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Eye contact :Flush eyes with plenty of low pressure water.If irritation exists,obtain medical attention.

Skin : Wash exposed skin areas with soap and water .If irritation exists,obtain medical attention.

Ingestion: Obtain medical attention if large amount of product is ingested.

Inhalation: No specific first aid procedures are necessary for accidental exposure to this product

July 1, 2013

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SPECIAL PROTECTION INFORMATION

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Respiratory Protection: Use of a NIOSH approved dust respirator is recommended  
When exposure limits may be exceeded.

Ventilation : Local exhaust ventilation to collect or containment  
recommended to control dust to below exposure limits

Protective Gloves: Recommended- leather or rubber

Eye protection: Safety glasses,goggles,face shield.

Other Protective Clothing or Equipment: N/A

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SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

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Precautions to be taken

In handling and storage: Store in dry area. Protect container from physical damage.

Other precautions: Avoid conditions which may generate dusty environment.

Steps to be taken in case Normal clean up procedures. Care should be taken to

Material is released or spilled: avoid causing dust to become airborne.Vacuum cleaning  
Systems recommended.Do not flush to sewer.

Waste disposal methods: Dispose of according in federal,state and local regulations

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### IDENTIFICATION

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Common name :	Rose Red pigment
CAS No:	1309-37-1
Chemical name or Trade name:	CI Pigment Rose Red CI 77491 and CI 77891
Product class:	Viscous thick liquid
Molecular formula:	Fe <sub>2</sub> O <sub>3</sub> and TiO <sub>2</sub>

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### PHYSICAL & CHEMICAL CHARACTERISTICS

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Specific Gravity ( H <sub>2</sub> O=1)	Typical 1.75 – 1.85
Vapor density ( Air = 1 )	N/A
Solubility in water :	Insoluble, but miscible with water
Reactivity in water:	unknown
Appearance and odor:	Rose Red viscous liquid
Flash Point:	N/A
Extinguishing Media:	Waterfog, carbon dioxide, dry chemical
Special Fire	None

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### PHYSICAL HAZARDS

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Stability:	Stable
Conditions to avoid:	Strong acid or strong alkaline
Incompatibility:	unknown
Hazardous	
Decomposition products:	unknown
Hazardous	
Polymerization:	Will not occur

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### HEALTH HAZARDS

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Signs and symptoms of exposure:	N/A
Inhalation:	Remove patient to fresh air for treatment
Eyes:	Flush eyes with plenty of water. If irritation exist. obtain Medical attention
Skin:	Remove by wiping, wash skin with soap and water
Ingestion:	If large amounts of product are ingested obtain medical attention.

July 1, 2013

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SPECIAL PROTECTION INFORMATION

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Respiratory protection:	N/A
Ventilation:	N/A
Protective Gloves:	Recommended
Eye protection:	Safety goggles
Other protective clothing or equipment :	N/A

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SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

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Steps to be taken in case material is released or spilled:	Moisten slightly with water to reduce dust.Sweep up spilled material and discard into proper waste container.
Waste disposal methods:	Dispose of according to federal, state and local regulations.

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### IDENTIFICATION

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Common name :	Sunset pigment
CAS No:	15790-07-5 , 1309-37-1
Chemical name or Trade name:	CI Pigment Sunset CI :15985:1, CI 77492
Product class:	Viscous thick liquid
Molecular formula:	N/A

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### PHYSICAL & CHEMICAL CHARACTERISTICS

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Specific Gravity ( H <sub>2</sub> O=1)	Typical 1.10 1.30
Vapor density ( Air = 1 )	N/A
Solubility in water :	Insoluble,but miscible with water
Reactivity in water:	unknown
Appearance and odor:	Sunset viscous liquid.
Flash Point:	N/A
Extinguishing Media:	Waterfog,carbon dioxide,dry chemical
Special Fire	None
Heavy Metals	Lead < 20 ppm    Arsenic < 3 ppm    Mercury < 1 ppm

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### PHYSICAL HAZARDS

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Stability:	Stable
Conditions to avoid:	Strong acid or strong alkaline
Incompatibility:	unkown
Hazardous	
Decomposition products:	unknown
Hazardous	
Polymerization:	Will not occur

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### HEALTH HAZARDS

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Signs and symptoms of exposure:	N/A
Inhalation:	Remove patient to fresh air for treatment
Eyes:	Flush eyes with plenty of water.If irritation exist.obtain Medical attention
Skin:	Remove by wiping,wash skin with soap and water
Ingestion:	If large amounts of product are ingested obtain medical attention

July 1, 2013

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SPECIAL PROTECTION INFORMATION

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Respiratory protection: N/A  
Ventilation: N/A  
Protective Gloves: Recommended  
Eye protection: Safety goggles  
Other protective clothing or equipment : N/A

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SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

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Steps to be taken in case material is released or spilled: Moisten slightly with water to reduce dust.Sweep up spilled material and discard into proper waste container.  
Waste disposal methods: Dispose of according to federal, state and local regulations.

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### IDENTIFICATION

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Common name :	Taupe pigment
CAS No:	1309-37-1
Chemical name or Trade name:	CI Pigment Taupe CI 77491, CI 77499, CI 77492, CI 77891
Product class:	Viscous thick liquid
Molecular formula:	Fe <sub>2</sub> O <sub>3</sub> , Fe <sub>3</sub> O <sub>4</sub> , TiO <sub>2</sub>

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### PHYSICAL & CHEMICAL CHARACTERISTICS

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Specific Gravity ( H <sub>2</sub> O=1)	Typical 1.73-1.83
Vapor density ( Air = 1 )	N/A
Solubility in water :	Insoluble, but miscible with water
Reactivity in water:	unknown
Appearance and odor:	Taupe viscous liquid.
Flash Point:	N/A
Extinguishing Media:	Waterfog, carbon dioxide, dry chemical
Special Fire	None

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### PHYSICAL HAZARDS

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Stability:	Stable
Conditions to avoid:	Strong acid or strong alkaline
Incompatibility:	unkown
Hazardous	
Decomposition products:	unknown
Hazardous	
Polymerization:	Will not occur

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### HEALTH HAZARDS

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Signs and symptoms of exposure:	N/A
Inhalation:	Remove patient to fresh air for treatment
Eyes:	Flush eyes with plenty of water. If irritation exist. obtain Medical attention
Skin:	Remove by wiping, wash skin with soap and water
Ingestion:	If large amounts of product are ingested obtain medical attention.

July 1, 2013

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SPECIAL PROTECTION INFORMATION

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Respiratory protection:	N/A
Ventilation:	N/A
Protective Gloves:	Recommended
Eye protection:	Safety goggles
Other protective clothing or equipment :	N/A

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SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

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Steps to be taken in case material is released or spilled:	Moisten slightly with water to reduce dust.Sweep up spilled material and discard into proper waste container.
Waste disposal methods:	Dispose of according to federal, state and local regulations.

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### IDENTIFICATION

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Common name:	White Pigment ( Titanium Dioxide)
CAS No:	13463-67-7
Chemical name or Trade name :	Same as above
Product Class:	Metal Oxide
Molecular Formula:	TiO <sub>2</sub>

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### HAZARDOUS INGREDIENTS

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CAS Reg . No.	None
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### PHYSICAL & CHEMICAL CHARACTERISTICS

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Specific Gravity ( H <sub>2</sub> O=1)	1.50 -1.60
Vapor Density ( Air=1)	N/A
Solubility in Water	Insoluble
Reactivity in Water	unknown
Appearance and Odor:	Viscous thick liquid
Flash Point	N/A

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### PHYSICAL HAZARDS

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Stability:	Stable
Condition to avoid:	None
Incompatibility:	unknown
Decomposition Products:	unknown
Polymerization:	Will not Occur

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### HEALTH HAZARDS

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Eye contact :Flush eyes with plenty of low pressure water.If irritation exists,obtain medical attention.

Skin : Wash exposed skin areas with soap and water .If irritation exists,obtain medical attention.

Ingestion: Obtain medical attention if large amount of product is ingested.

Inhalation: No specific first aid procedures are necessary for accidental exposure to this product

July 1, 2013

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SPECIAL PROTECTION INFORMATION

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Respiratory protection:	N/A
Ventilation:	N/A
Protective Gloves:	Recommended
Eye protection:	Safety goggles
Other protective clothing or equipment :	N/A

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SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

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Steps to be taken in case material is released or spilled:	Moisten slightly with water to reduce dust.Sweep up spilled material and discard into proper waste container.
Waste disposal methods:	Dispose of according to federal, state and local regulations.

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### IDENTIFICATION

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Common name :	Yellow pigment
CAS No:	1309-37-1
Chemical name or Trade name:	CI Pigment Yellow CI 77492
Product class:	Viscous thick liquid
Molecular formula:	Fe203

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### PHYSICAL & CHEMICAL CHARACTERISTICS

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Specific Gravity ( H <sub>2</sub> O=1)	Typical 1.70 – 1.82
Vapor density ( Air = 1 )	N/A
Solubility in water :	Insoluble, but miscible with water
Reactivity in water:	unknown
Appearance and odor:	Yellow viscous liquid
Flash Point:	N/A
Extinguishing Media:	Waterfog, carbon dioxide, dry chemical
Special Fire	None

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### PHYSICAL HAZARDS

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Stability:	Stable
Conditions to avoid:	Strong acid or strong alkaline
Incompatibility:	unkown
Hazardous	
Decomposition products:	unknown
Hazardous	
Polymerization:	Will not occur

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### HEALTH HAZARDS

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Signs and symptoms of exposure:	N/A
Inhalation:	Remove patient to fresh air for treatment
Eyes:	Flush eyes with plenty of water. If irritation exist. obtain Medical attention
Skin:	Remove by wiping, wash skin with soap and water
Ingestion:	If large amounts of product are ingested obtain medical attention.

July 1, 2013

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SPECIAL PROTECTION INFORMATION

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Respiratory protection: N/A  
Ventilation: N/A  
Protective Gloves: Recommended  
Eye protection: Safety goggles  
Other protective clothing or equipment : N/A

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SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

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Steps to be taken in case material is released or spilled: Moisten slightly with water to reduce dust.Sweep up spilled material and discard into proper waste container.  
Waste disposal methods: Dispose of according to federal, state and local regulations.

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BIOTOUCH, INC.  
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### IDENTIFICATION

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Common name: Blue Brow Neutralizer  
Chemical name: Iron oxide, Red, Yellow and TiO<sub>2</sub> pigment

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### PHYSICAL & CHEMICAL CHARACTERISTICS

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Specific Gravity (H <sub>2</sub> O=1)	Typical 1.73-1.83
Vapor Density (Air=1)	N/A
Solubility in water:	Insoluble, but miscible with water
Reactivity in water:	unknown
Appearance and color:	Beige-skin viscous liquid
Flash Point:	N/A
Extinguishing Media:	Waterfog, carbon dioxide, dry chemical
Special Fire:	None

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### PHYSICAL HAZARDS

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Stability:	Stable
Conditions to avoid:	Strong acid or strong alkaline
Incompatibility:	unknown
Decomposition products:	unknown
Polymerization:	Will not occur

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### HEALTH HAZARDS

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Sign and Symptoms of Exposure: N/A

Inhalation:	Remove patient to fresh air for treatment
Eyes:	Flush eyes with plenty of water. If irritation exists, obtain medical attention
Skin:	Remove by wiping, wash skin with soap and water
Ingestion:	If large amounts of product are ingested obtain medical attention

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### SPECIAL PROTECTION INFORMATION

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Respiratory protection:	N/A
Ventilation:	N/A
Protective Gloves:	Recommended
Eye protection:	Safety goggles
Other protective clothing or equipment:	N/A

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### SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

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Steps to be taken in case material is released or spilled:  
Moisten slightly with water to reduce dust. Sweep up spilled material into proper waste container.

Waste disposal methods:  
Dispose of according to federal, state and local regulations

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