#### MATERIAL SAFETY DATA SHEET Bio-Touch Permanent Makeup Pigment Color

#### **IDENTIFICATION**

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

#### HAZARDOUS INGREDIENTS

CAS Reg. No.

None

#### PHYSICAL & CHEMICAL CHARACTERISTICS

Specific Gravity (H<sub>2</sub>0=1): Vapor Density (Air=1): Solubility in Water: Reactivity in Water: Appearance and Odor: Flash Point: 3.70-4.20 N/A Insoluble Unknown White odorless powder Non-flammable

#### PHYSICAL HAZARDS

Stability: Condition to avoid: Incompatibility: Decomposition Products: Polymerization: Stable None Unknown Unknown Will not occur

#### HEALTH HAZARDS

Eye Contact:	Flush eyes with plenty of low pressure water. If
Skin:	irritation exists, obtain medical attention. Wash exposed skin areas with soap and water. If irritation exists, obtain medical attention.
Incention	
Ingestion:	Obtain medical attention if large amount of product in ingested.
Inhalation:	No specific first aid procedures are necessary for accidental exposure to this product.

#### SPECIAL PROTECTION INFORMATION

Respiratory Protection:

Ventilation:

Protective Gloves: Eye Protection: Other Protective Equipment or Clothing: Use of a NIOSH approved dust respirator is recommended when exposure limits may be exceeded.

Local exhaust ventilation to collect or containment recommended to control dust to below exposure limits. Recommended- leather or rubber.

Safety glasses, goggles, face shield. N/A

#### SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be taken in handling and storage: Other precautions:

Steps to be taken in case material is spilled or released:

Waste disposal methods:

Store in dry area. Protect container from physical damage.

Avoid conditions which may generate dusty environment.

Normal clean up procedures. Care should be taken to avoid causing dust to become airborne. Vacuum cleaning systems recommended. Do not flush to sewer. Dispose of according to federal, state, and local regulations.

### Bio-Touch Inc, 20515 Paseo Del Prado St Walnut, CA 91789 USA

# **IDENTIFICATION**

Common name :	Beige pigment
CAS No:	1309-37-1
Chemical name or Trade name:	CI Pigment Beige
	CI 77491, CI 77492
Product class:	Viscous thick liquid
Molecular formula:	Fe203,TiO2,
PHYSICAL & CH	IEMICAL CHARACTERISTICS
Specific Gravity (H2O=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:	Beige viscous liquid.
Flash Point:	N/A
Extinguishing Media:	Waterfog,carbon dioxide,dry chemical
Special Fire	None

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

HEA	LTH HAZARDS
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.

	SPECIAL PROTECTION INFORMATION
Respiratory protection:	N/A
Ventilation:	N/A
Protective Gloves:	Recommended
Eye protection:	Safety goggles
Other protective clothin	
SPECIAL	PRECAUTIONS AND SPILL/LEAK PROCEDURES
Steps to be taken in	Moisten slightly with water to reduce dust.Sweep up
case material is released	spilled material and discard into proper waste container.
or spilled:	
Waste disposal methods:	Dispose of according to federal, state and local regulations.

### Bio-Touch Inc, 20515 Paseo Del Prado St Walnut, CA 91789 USA

# **IDENTIFICATION**

Common name :	Black pigment
CAS No:	1317-61-9
Chemical name or Trade name	
	CI 77499
Product class:	Viscous thick liquid
Molecular formula:	Fe3O4
PHYSICAL & CH	HEMICAL CHARACTERISTICS
Specific Gravity (H2O=1)	Typical 1.75 – 1.85
Specific Gravity (H2O=1) Vapor density (Air = 1)	Typical 1.75 – 1.85 N/A
1 2 ( )	51
Vapor density $(Air = 1)$	ŇĂ
Vapor density (Air = 1) Solubility in water :	N/A Insoluble,but miscible with water
Vapor density (Air = 1) Solubility in water : Reactivity in water:	N/A Insoluble,but miscible with water unknown
Vapor density (Air = 1) Solubility in water : Reactivity in water: Appearance and odor:	N/A Insoluble,but miscible with water unknown Black viscous liquid

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

HEA	LTH HAZARDS
Signs and symptoms of e	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.

	SPECIAL PROTECTION INFORMATION
Respiratory protection:	N/A
Ventilation:	N/A
Protective Gloves:	Recommended
Eye protection:	Safety goggles
Other protective clothin	g or equipment : N/A
SPECIAL	PRECAUTIONS AND SPILL/LEAK PROCEDURES
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.

Bio-Touch Inc, 20515 Paseo Del Prado St Walnut, CA 91789 USA

IDENTIF	FICATION	
Common name:	Blue pigment	
CAS No:	25869-00-5	
Chemical name or Trade nam	ne : Same as above	
Product Class:	Iron blue	
Molecular Formula:	C6Fe2N10H	
HAZARI	HAZARDOUS INGREDIENTS	
CAS Reg . No. No	ne	
PHYSICAL &	CHEMICAL CHARACTERISTICS	
Specific Gravity (H2O=1)	1.45.1.50	
Vapor Density (Air=1)	N/A	
Solubility in Water	Insoluble	
Reactivity in Water	unknown	
Appearance and Odor:	Blue viscous liquid	
Flash Point	Non-flammable	
PHYSICA	AL HAZARDS	
Stability:	Stable	
Condition to avoid:	None	
Incompatibility:	unknown	
Decomposition Products:	unknown	
Polymerization:	unknown	
HEALTH	I HAZARDS	

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 page 1 of 2

SPECIAL PROTECTION INFORMATION		
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	
recom	mended to control dust to below exposure limits	
Protective Gloves:	Recommended- leather or rubber	
Eye protection:	Safety glasses,goggles,face shield.	
Other Protective Clothing	g or Equipment: N/A	
SPECIAL PRECA	UTIONS AND SPILL/LEAK PROCEDURES	
Precautions to be taken		
In handling and storage: Stor	re in dry area. Protect container from physical damage.	
Other precautions: Avoid	l 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	

Bio-Touch Inc, 20515 Paseo Del Prado St Walnut, CA 91789 USA

	IDENTIFICATION
0	Durant
Common name :	Brown pigment
CAS No:	1332-37-2 CLD: (D)
Chemical name or Irad	e name: CI Pigment Brown CI 77491
Product class:	
	Viscous thick liquid
Molecular formula:	Fe2O3
	HAZARDOUS INGREDIENTS
CSA . Reg. No.)	None
PHYSICA	L & CHEMICAL CHARACTERISTICS
Specific Gravity (H2O	=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:	Brown viscous liquid
Flash Point:	N/A
Extinguishing Media:	Waterfog,carbon dioxide,dry chemical
Special Fire	None
PHY	(SICAL HAZARDS
Stability:	Stable
Conditions to avoid:	Conditions which generate dust
Incompatibility:	unkown
Hazardous	
Decomposition product	ts: unknown
Hazardous	
Polymerization:	Will not occur

HEALTH HAZARDS		
Signs and symptoms of exposure: No significant signs or symptoms indicative of		
any adverse health hazard is expected to occur.		
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	
SPECIAL PROTECTION INFORMATION		
Respiratory protection:	Respiratory protection: N/A	
Ventilation:	N/A	
Protective Gloves:	Recommended	
Eye protection:	Safety goggles	
Other protective clothing or equipment : N/A		
SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES		
Steps to be taken in Moisten slightly with water to reduce dust. Sweep up		
case material is released	spilled material and discard into proper waste container.	
or spilled:	spiner material and alseard into proper waste container.	
Waste disposal methods: Dispose of according to federal, state and local regulations.		

### Bio-Touch Inc, 20515 Paseo Del Prado St Walnut, CA 91789 USA

# IDENTIFICATION

Common name :	Burgundy pigment
CAS No:	5281-04-9 and 10101-66-3
Chemical name or Trade name	: CI Pigment Burgundy
	CI :15850:1, CI 77742
Product class:	Viscous thick liquid
Molecular formula:	C18H14N2O6S.Ca, MnNH4P2O7
PHYSICAL & CH	HEMICAL CHARACTERISTICS
Specific Gravity (H2O=1)	Typical 1.10 1.30
Vapor density (Air = 1)	N/A
Solubility in water :	Insoluble, but miscible with water
Reactivity in water	unknown

vapor density (7 th 1)	
Solubility in water :	Insoluble, but miscible with water
Reactivity in water:	unknown
Appearance and odor:	Burgundy viscous liquid.
Flash Point:	N/A
Extinguishing Media:	Waterfog,carbon dioxide,dry chemical
Special Fire	None

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

HEALTH HAZARDS		
Signs and symptoms of	f 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.	

	SPECIAL PROTECTION INFORMATION	
Respiratory protection:	N/A	
Ventilation:	N/A	
Protective Gloves:	Recommended	
Eye protection:	Safety goggles	
Other protective clothing or equipment : N/A		
SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES		
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.	

### Bio-Touch Inc, 20515 Paseo Del Prado St Walnut, CA 91789 USA

# IDENTIFICATION

Common name :	Chocolate Brown pigment
CAS No:	1309-37-1
	: CI Pigment Chocolate Brown
	CI 77491, CI 77499, CI 77492
Product class:	Viscous thick liquid
Molecular formula:	Fe203, Fe3O4
PHYSICAL & CI	HEMICAL CHARACTERISTICS
Specific Gravity (H2O=1)	Typical 1.75 – 1.85
Vapor density ( $Air = 1$ )	ŇÁ
Solubility in water :	Insoluble, but miscible with water
Reactivity in water:	unknown
Appearance and odor:	Chocolate Brown viscous liquid
Flash Point:	N/A
Extinguishing Media:	Waterfog, carbon dioxide, dry chemical

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

HEALTH HAZARDS		
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.	

	SPECIAL PROTECTION INFORMATION	
Respiratory protection:	N/A	
Ventilation:	N/A	
Protective Gloves:	Recommended	
Eye protection:	Safety goggles	
Other protective clothing or equipment : N/A		
SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES		
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.	

### Bio-Touch Inc, 20515 Paseo Del Prado St Walnut, CA 91789 USA

# **IDENTIFICATION**

Common name :	Dark Brown pigment		
CAS No:	1309-37-1		
Chemical name or Trade name	e: CI Pigment Dark Brown		
	CI 77491		
Product class:	Viscous thick liquid		
Molecular formula:	Fe203		
PHYSICAL & C	PHYSICAL & CHEMICAL CHARACTERISTICS		
Specific Gravity (H2O=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:	Dark Brown viscous liquid		
Flash Point:	N/A		
Extinguishing Media:	Waterfog, carbon dioxide, dry chemical		
Special Fire	None		

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

HEALTH HAZARDS	
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.

	SPECIAL PROTECTION INFORMATION
Respiratory protection:	N/A
Ventilation:	N/A
Protective Gloves:	Recommended
Eye protection:	Safety goggles
Other protective clothin	
SPECIAL	PRECAUTIONS AND SPILL/LEAK PROCEDURES
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.

### Bio-Touch Inc, 20515 Paseo Del Prado St Walnut, CA 91789 USA

# **IDENTIFICATION**

Common name :	Dark Red pigment
CAS No:	1309-37-1
Chemical name or Trade nam	e: CI Pigment Dark Red
	CI 77491
Product class:	Viscous thick liquid
Molecular formula:	Fe203
PHYSICAL & C	CHEMICAL CHARACTERISTICS
Specific Gravity (H2O=1)	Typical 1.75 – 1.85
	Typical 1.75 – 1.85 N/A
Specific Gravity (H2O=1)	
Specific Gravity (H2O=1) Vapor density (Air = 1)	N/A
Specific Gravity (H2O=1) Vapor density (Air = 1) Solubility in water :	N/A Insoluble,but miscible with water
Specific Gravity (H2O=1) Vapor density (Air = 1) Solubility in water : Reactivity in water:	N/A Insoluble,but miscible with water unknown
Specific Gravity (H2O=1) Vapor density (Air = 1) Solubility in water : Reactivity in water: Appearance and odor:	N/A Insoluble,but miscible with water unknown Dark Red viscous liquid

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

HEA	LTH HAZARDS
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.

	SPECIAL PROTECTION INFORMATION
Respiratory protection:	N/A
Ventilation:	N/A
Protective Gloves:	Recommended
Eye protection:	Safety goggles
Other protective clothin	g or equipment : N/A
SPECIAL	PRECAUTIONS AND SPILL/LEAK PROCEDURES
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.

### Bio-Touch Inc, 20515 Paseo Del Prado St Walnut, CA 91789 USA

# IDENTIFICATION

Common name :	Gray pigment
CAS No:	1317-61-9 and 1317-61-9
Chemical name or Trade name	e: Gray pigment
Product class:	Iron oxide and Titanium dioxide
Molecular formula:	Fe3O4,TiO2
PHYSICAL & C	HEMICAL CHARACTERISTICS
Specific Gravity (H2O=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:	Gray viscous liquid
Flash Point:	N/A
Extinguishing Media:	Waterfog,carbon dioxide,dry chemical
Special Fire	None

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

HEALTH HAZARDS		
Signs and symptom	s 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.	

	SPECIAL PROTECTION INFORMATION
Respiratory protection:	N/A
Ventilation:	N/A
Protective Gloves:	Recommended
Eye protection:	Safety goggles
Other protective clothin	
SPECIAL	PRECAUTIONS AND SPILL/LEAK PROCEDURES
Steps to be taken in	Moisten slightly with water to reduce dust.Sweep up
case material is released	spilled material and discard into proper waste container.
or spilled:	
Waste disposal methods:	Dispose of according to federal, state and local regulations.

Bio-Touch Inc, 20515 Paseo Del Prado St Walnut, CA 91789 USA

IDENTIFICATION		
	Chromium Hydroxide Green	
CAS No:	12001-99-9	
Chemical name or Trade name :	CI Pigment Green 18	
	CI 77289	
Product Class:	Pigment dry color	
Molecular Formula:	Cr2O3.2H2	
HAZARDOU	JS INGREDIENTS	
CAS Reg . No. unknown		
PHYSICAL & CHI	EMICAL CHARACTERISTICS	
Specific Gravity (H2O=1)	1.65- 1.80	
Vapor Density (Air=1)	N/A	
Solubility in Water	Insoluble	
Reactivity in Water	unknown	
Appearance and Odor:	Green odorless powder	
Flash Point	N/A	
PHYSICAL	HAZARDS	
Stability:	Stable	
Condition to avoid:	Conditions which generate dusts	
Incompatibility:	unknown	
	unknown	
Polymerization:	Will not Occur	
HEALTH H	AZARDS	

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 page 1 of 2

SPECIAL	PROTECTION INFORMATION	
Respiratory Protection: U	Use of a NIOSH approved dust respirator is recommended	
	When exposure limits may be exceeded.	
Ventilation :	Local exhaust ventilation to collect or containment	
recon	nmended to control dust to below exposure limits	
Protective Gloves:	Recommended- leather or rubber	
Eye protection:	Safety glasses,goggles,face shield.	
Other Protective Clothin	g or Equipment: N/A	
SPECIAL PRECA	AUTIONS AND SPILL/LEAK PROCEDURES	
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	

### Bio-Touch Inc, 20515 Paseo Del Prado St Walnut, CA 91789 USA

# **IDENTIFICATION**

Common name :	Japanese Red pigment
CAS No:	5281049
Chemical name or Trade name	ne: CI Pigment Red
	CI 15850:1
Product class:	Viscous thick liquid
Molecular formula:	N/A
DINGIGAL 0 (	CHEMICAL CHARACTERISTICS
PHYSICAL & C	LIEWICAL CHARACTERISTICS
PHYSICAL & C	CHEMICAL CHARACTERISTICS
Specific Gravity (H2O=1)	Typical 1.10 1.30
Specific Gravity (H2O=1) Vapor density (Air = 1)	Typical 1.10 1.30
Specific Gravity (H2O=1)	Typical 1.10 1.30 N/A
Specific Gravity (H2O=1) Vapor density (Air = 1) Solubility in water : Reactivity in water:	Typical 1.10 1.30 N/A Insoluble,but miscible with water
Specific Gravity (H2O=1) Vapor density (Air = 1) Solubility in water : Reactivity in water: Appearance and odor:	Typical 1.10 1.30 N/A Insoluble,but miscible with water unknown
Specific Gravity (H2O=1) Vapor density (Air = 1) Solubility in water :	Typical 1.10 1.30 N/A Insoluble,but miscible with water unknown Red viscous liquid.

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

Signs and symptoms of exposure: N/AInhalation:Remove patient to fresh air for treatmerElectronic fresh air for treatmer	
1	
$\Gamma_{1}$	t
Eyes: Flush eyes with plenty of water. If irritat	ion exist.obtain
Medical attention	
Skin: Remove by wiping, wash skin with soap	and water
Ingestion: If large amounts of product are ingeste	l obtain medical
attention.	

	SPECIAL PROTECTION INFORMATION
Respiratory protection:	N/A
Ventilation:	N/A
Protective Gloves:	Recommended
Eye protection:	Safety goggles
Other protective clothin	g or equipment : N/A
SPECIAL	PRECAUTIONS AND SPILL/LEAK PROCEDURES
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.

### Bio-Touch Inc, 20515 Paseo Del Prado St Walnut, CA 91789 USA

Special Fire

# **IDENTIFICATION**

<b>a</b>	
Common name :	Jet Black pigment
CAS No:	1333-86-4
Chemical name or Trade name:	CI Pigment Jet Black
	CI 77266
Product class:	Viscous thick black liquid
Molecular formula:	N/A
PHYSICAL & CH	EMICAL CHARACTERISTICS
Specific Gravity (H2O=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:	Black viscous liquid.
Flash Point:	N/A

Waterfo	g,carbon dioxide,dry chemical
None	

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

HEALTH HAZARDS		
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.	

	SPECIAL PROTECTION INFORMATION	
Respiratory protection:	N/A	
Ventilation:	N/A	
Protective Gloves:	Recommended	
Eye protection:	Safety goggles	
Other protective clothing or equipment : N/A		
SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES		
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.	

### Bio-Touch Inc, 20515 Paseo Del Prado St Walnut, CA 91789 USA

# **IDENTIFICATION**

Common name :	Light Brown pigment
CAS No:	1309-37-1
Chemical name or Trade name	ne: CI Pigment Brown
	CI 77499
Product class:	Viscous thick liquid
Molecular formula:	Fe203
PHYSICAL & O	CHEMICAL CHARACTERISTICS
Specific Gravity (H2O=1)	Typical 1.75 – 1.85
Specific Gravity (H2O=1) Vapor density (Air = 1)	Typical 1.75 – 1.85 N/A
1 2 ( )	21
Vapor density ( $Air = 1$ )	ŇĂ
Vapor density (Air = 1) Solubility in water :	N/A Insoluble,but miscible with water
Vapor density (Air = 1) Solubility in water : Reactivity in water:	N/A Insoluble,but miscible with water unknown
Vapor density (Air = 1) Solubility in water : Reactivity in water: Appearance and odor:	N/A Insoluble,but miscible with water unknown Light Brown viscous liquid

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

HEALTH HAZARDS		
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.	

	SPECIAL PROTECTION INFORMATION	
Respiratory protection:	N/A	
Ventilation:	N/A	
Protective Gloves:	Recommended	
Eye protection:	Safety goggles	
Other protective clothing or equipment : N/A		
SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES		
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.	

### Bio-Touch Inc, 20515 Paseo Del Prado St Walnut, CA 91789 USA

# **IDENTIFICATION**

Common name :	Olive pigment		
CAS No:	1309-37-1		
Chemical name or Trade nam	e: CI Pigment Olive		
	CI 77491, CI 77499, CI 77492, CI 77891,CI 77289		
Product class:	Viscous thick liquid		
Molecular formula:	Fe203, Fe3O4, TiO2, Cr2O3.H2O		
PHYSICAL & C	PHYSICAL & CHEMICAL CHARACTERISTICS		
Specific Gravity (H2O=1)	Typical 1.73-1.83		
Vapor density ( $Air = 1$ )	N/A		
Solubility in water :	Insoluble, but miscible with water		
	1		

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	

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

HEALTH HAZARDS		
Signs and symptom	s 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.	

	SPECIAL PROTECTION INFORMATION	
Respiratory protection: N/A		
Ventilation:	N/A	
Protective Gloves:	Recommended	
Eye protection:	Safety goggles	
Other protective clothing or equipment : N/A		
SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES		
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.	

#### Bio-Touch Inc, 20515 Paseo Del Prado St Walnut, CA 91789 USA

# **IDENTIFICATION**

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:	C20H10Br2O5
PHYSICAL & CH	EMICAL CHARACTERISTICS
Specific Gravity (H2O=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

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

HEALTH HAZARDS		
Signs and symptor	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.	

	SPECIAL PROTECTION INFORMATION	
Respiratory protection:	N/A	
Ventilation:	N/A	
Protective Gloves:	Recommended	
Eye protection:	Safety goggles	
Other protective clothing or equipment : N/A		
SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES		
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.	

Bio-Touch Inc, 20515 Paseo Del Prado St Walnut, CA 91789 USA

IDENTIFICATION		
Common name:	Pink Mauve pigment	
CAS No:	5281-04-9 and 13463-67-7	
Chemical name or Trade name	ne : Same as above	
Product Class:	Organic pigment and titanium dioxide	
Molecular Formula:	C18H14N2O6S.Ca , TiO2	
HAZARI	DOUS INGREDIENTS	
CAS Reg . No. No.	-	
PHYSICAL &	CHEMICAL CHARACTERISTICS	
Specific Gravity (H2O=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	
PHYSICAL HAZARDS		
Stability:	Stable	
Condition to avoid:	None	
Incompatibility:	unknown	
Decomposition Products:	unknown	
Polymerization:	unknown	
HEALTH HAZARDS		

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 page 1 of 2

SPECIAL PROTECTION INFORMATION			
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		
recom	nmended to control dust to below exposure limits		
Protective Gloves:	Recommended- leather or rubber		
Eye protection:	Safety glasses, goggles, face shield.		
Other Protective Clothing	g or Equipment: N/A		
SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES			
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		

### Bio-Touch Inc, 20515 Paseo Del Prado St Walnut, CA 91789 USA

## **IDENTIFICATION**

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			
PHYSICAL & CHEMICAL CHARACTERISTICS				
Specific Gravity (H2O=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			

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

	HEALTH HAZARDS		
Signs	Signs and symptoms of exposure: N/A		
Inhal	ation:	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	
Inges	stion:	If large amounts of product are ingested obtain medical	
		attention.	

	SPECIAL PROTECTION INFORMATION		
Respiratory protection:	N/A		
Ventilation:	N/A		
Protective Gloves:	Recommended		
Eye protection:	Safety goggles		
Other protective clothing or equipment : N/A			
SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES			
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.		

Bio-Touch Inc, 20515 Paseo Del Prado St Walnut, CA 91789 USA

IDENTIFICATION		
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	
HAZARDO	DUS INGREDIENTS	
CAS Reg . No. None		
PHYSICAL & Cl	HEMICAL CHARACTERISTICS	
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	
PHYSICAL HAZARDS		
Stability:	Stable	
Condition to avoid:	None	
Incompatibility:	unknown	
Decomposition Products:	unknown	
Polymerization:	unknown	
HEALTH HAZARDS		

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 page 1 of 2

SPECIAL PROTECTION INFORMATION			
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		
recon	nmended to control dust to below exposure limits		
Protective Gloves:	Recommended- leather or rubber		
Eye protection:	Safety glasses,goggles,face shield.		
Other Protective Clothin	g or Equipment: N/A		
SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES			
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		

#### Bio-Touch Inc, 20515 Paseo Del Prado St Walnut, CA 91789 USA

### **IDENTIFICATION**

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:	Fe203 and TiO2
PHYSICAL & CH	IEMICAL CHARACTERISTICS
Specific Gravity (H2O=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

# PHYSICAL HAZARDS

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

	HEALTH HAZARDS
Signs and sympton	ms 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.

	SPECIAL PROTECTION INFORMATION	
Respiratory protection:	N/A	
Ventilation:	N/A	
Protective Gloves:	Recommended	
Eye protection:	Safety goggles	
Other protective clothing or equipment : N/A		
SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES		
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.	

#### Bio-Touch Inc, 20515 Paseo Del Prado St Walnut, CA 91789 USA

## IDENTIFICATION

Common name :	Sunset pigment	
CAS No:	15790-07-5, 1309-37-1	
Chemical name or Trad	de name: CI Pigment Sunset	
	CI :15985:1, CI 77492	
Product class:	Viscous thick liquid	
Molecular formula:	N/A	
PHYSICA	AL & CHEMICAL CHARACTERISTICS	
Specific Gravity (H2C	D=1) Typical 1.10 1.30	
Vapor density ( Air = 1		
Solubility in water :	Insoluble, but miscible with water	
•	unknown	
Reactivity in water:		
Appearance and odor:	Sunset viscous liquid.	
Flash Point:	N/A Watarfa a carbon diamida dru abanaiaal	
Extinguishing Media:	Waterfog,carbon dioxide,dry chemical	
Special Fire	None	
Heavy Metals	Lead < 20 ppm Arsenic < 3 ppm Mercury < 1 ppm	
PH	YSICAL HAZARDS	
Stability:	Stable	
Conditions to avoid:	Strong acid or strong alkaline	
Incompatibility: unkown		
Hazardous		
Decomposition produc	Decomposition products: unknown	
Hazardous		
	Polymerization: Will not occur	
	ALTH HAZARDS	
0 1	1	
	•	
Eyes:	• • •	
<b>C1</b> ·		
Ingestion:		
Signs and symptoms o Inhalation: Eyes: Skin: Ingestion:		

attention.

	SPECIAL PROTECTION INFORMATION	
Respiratory protection: N/A		
Ventilation:	N/A	
Protective Gloves:	Recommended	
Eye protection:	Safety goggles	
Other protective clothing or equipment : N/A		
SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES		
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.	

#### Bio-Touch Inc, 20515 Paseo Del Prado St Walnut, CA 91789 USA

# **IDENTIFICATION**

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:	Fe203, Fe3O4, TiO2
PHYSICAL & CH	IEMICAL CHARACTERISTICS
Specific Gravity (H2O=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

#### PHYSICAL HAZARDS

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

HEALTH HAZARDS		
Signs and sympton	ms 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.	

	SPECIAL PROTECTION INFORMATION	
Respiratory protection:	N/A	
Ventilation:	N/A	
Protective Gloves:	Recommended	
Eye protection:	Safety goggles	
Other protective clothing or equipment : N/A		
SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES		
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.	

Bio-Touch Inc, 20515 Paseo Del Prado St Walnut, CA 91789 USA

IDENTIFICATION				
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:	TiO2			
HAZARDOUS INGREDIENTS				
CAS Reg . No. None				
PHYSICAL & CH	IEMICAL CHARACTERISTICS			
Specific Gravity (H2O=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			
PHYSICAL HAZARDS				
Stability:	Stable			
Condition to avoid:	None			
Incompatibility:	unknown			
Decomposition Products:	unknown			
Polymerization:	Will not Occur			
HEALTH HAZARDS				

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 page 1 of 2

SPECIAL PROTECTION INFORMATION				
Respiratory Protection: N/A				
Protective Gloves:	Recommended- leather or rubber			
Eye protection:	Safety glasses,goggles,face shield.			
Other Protective Clothing or Equipment: N/A				
SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES				
Precautions to be taken				
In handling and storage:	Store in dry area. Protect container from physical damage.			
Steps to be taken in case	Normal clean up procedures. Care should be taken to			
Steps to be taken in ease	Normal clean up procedures. Care should be taken to			
Waste disposal methods:	Dispose of according in federal, state and local regulations			

#### Bio-Touch Inc, 20515 Paseo Del Prado St Walnut, CA 91789 USA

# **IDENTIFICATION**

Common name :	Yellow pigment
CAS No:	1309-37-1
Chemical name or Trade nam	ne: CI Pigment Yellow
	CI 77492
Product class:	Viscous thick liquid
Molecular formula:	Fe203
PHVSICAL & (	CHEMICAL CHARACTERISTICS
I II I SICAL & C	
THISICAL & C	
Specific Gravity (H2O=1)	Typical 1.70 – 1.82
Specific Gravity (H2O=1)	Typical 1.70 – 1.82
Specific Gravity (H2O=1) Vapor density (Air = 1)	Typical 1.70 – 1.82 N/A
Specific Gravity (H2O=1) Vapor density (Air = 1) Solubility in water :	Typical 1.70 – 1.82 N/A Insoluble,but miscible with water
Specific Gravity (H2O=1) Vapor density (Air = 1) Solubility in water : Reactivity in water:	Typical 1.70 – 1.82 N/A Insoluble,but miscible with water unknown
Specific Gravity (H2O=1) Vapor density (Air = 1) Solubility in water : Reactivity in water: Appearance and odor:	Typical 1.70 – 1.82 N/A Insoluble,but miscible with water unknown Yellow viscous liquid

#### PHYSICAL HAZARDS

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

	HEALTH HAZARDS
Signs and symptor	ns 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.

	SPECIAL PROTECTION INFORMATION	
Respiratory protection:	N/A	
Ventilation:	N/A	
Protective Gloves:	Recommended	
Eye protection:	Safety goggles	
Other protective clothing or equipment : N/A		
SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES		
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.	