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Alloys
Attachments
Implants <http://www.sterngold.com>
Restorative
Systems

MATERIAL SAFETY DATA SHEET

Sterngold Part Number: 811125, 811013, 811320, 811035

Sterngold Description: era nylon black males

Supplier Number: AB94620135

Supplier Description: NY 025.00:1 Black

Supplier MSDS Identification: n/a

1/24/12

Date Updated:

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SHIPPED FROM: CLARIANT CORPORATION, MASTERBATCHES DIVISION
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PHONE: 508-829-6321

EMERGENCY TELEPHONE: 269-753-8434

CLARIANT WEBSITE: HTTP:\\WWW.CLARIANTMASTERBATCH.COM

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***** MATERIAL SAFETY DATA SHEET *****

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THE ATTACHED MATERIAL SAFETY DATA SHEET (MSDS) IS AN IMPORTANT DOCUMENT.
THE OSHA HAZARDOUS COMMUNICATION STANDARD REQUIRES US TO FORWARD A MSDS
PRIOR TO OR ACCOMPANYING AN INITIAL SHIPMENT OF A PRODUCT AND THE
"STANDARD" REQUIRES YOUR COMPANY TO KEEP THE MSDS ON FILE.

*

*

IF YOU ARE NOT RESPONSIBLE FOR HEALTH AND SAFETY IN YOUR COMPANY PLEASE
INSURE THAT YOUR HEALTH AND SAFETY MANAGER RECEIVES THIS DOCUMENT.

*

*

THANK YOU.

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (HMIS)

HEALTH ----->1

FLAMMABILITY ----->1

REACTIVITY ----->0

PERSONAL PROTECTION -->B

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SECTION I - PRODUCT INFORMATION:

PRODUCT DESCRIPTION:

NY 025.00:1 BLACK

PRODUCT CODE:

AB94620135

VERSION NUMBER: 3

DATE: 11/19/10

CHEMICAL NAME/FAMILY:

THERMOPLASTICS RESIN(S) + COLORANT

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION:

THIS PRODUCT CONTAINS, AS A COMPONENT, THE SUBSTANCE(S) LISTED BELOW
WHICH IS IDENTIFIED AS A HAZARDOUS CHEMICAL UNDER THE CRITERIA OF THE
OSHA HAZARD COMMUNICATION STANDARD 29CFR1910.1200

CAS NUMBER	DESCRIPTION	OSHA		ACGIH		OTHER LIMITS	DOES NOT EXCEED (%)
		PEL MG/M3	TLV MG/M3	TLV MG/M3	OTHER LIMITS		
1333-86-4	CARBON BLACK	3.5	3.5	3.5	3.5	-	15.00

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS:

BOILING POINT: NA
SPECIFIC GRAVITY: 1.13
VAPOR PRESSURE: NA
MELTING POINT: 215-250C
VAPOR DENSITY: NA
EVAPORATION RATE: NA
SOLUBILITY IN WATER: INSOLUBLE
APPEARANCE AND ODOR: COLORED PLASTIC PELLETT - NO SIGNIFICANT ODOR

SECTION IV - FIRE AND EXPLOSION HAZARD DATA:

FLASH POINT (METHOD USED):

THERE IS A COMPONENT IN THIS PRODUCT WITH A FLASH POINT OF 350 C.
THE METHOD USED TO DETERMINE THIS IS: NA
ALL OTHER COMPONENTS USED IN THIS PRODUCT EITHER HAVE A HIGHER FLASH
POINT OR ARE NOT COMBUSTIBLE AND DO NOT HAVE A FLASH POINT.

EXTINGUISHING MEDIA:

WATER SPRAY, FOAM, CARBON DIOXIDE, OR DRY CHEMICAL

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SECTION IV - FIRE AND EXPLOSION HAZARD DATA: (CONT)

SPECIAL FIRE FIGHTING PROCEDURES:

USE WATER, DRY CHEMICAL OR CARBON DIOXIDE TO EXTINGUISH FIRES. WEAR SELF-CONTAINED, POSITIVE PRESSURE BREATHING APPARATUS.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

IT MAY NOT BE OBVIOUS THAT CARBON BLACK IS BURNING UNLESS THE MATERIAL IS STIRRED AND SPARKS ARE APPARENT. CARBON BLACK THAT HAS BEEN ON FIRE SHOULD BE OBSERVED CLOSELY FOR AT LEAST 48 HOURS TO ENSURE NO SMOLDERING MATERIAL IS PRESENT.

SECTION V - REACTIVITY DATA:

STABILITY: STABLE -> X UNSTABLE ->

STABILITY (CONDITIONS TO AVOID):

AVOID EXPOSURE TO HEAT, SPARK, OR OPEN FLAME.

INCOMPATIBILITY (MATERIALS TO AVOID):

AVOID CONTACT WITH STRONG ALKALI, AMINES.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

CARBON MONOXIDE, CARBON DIOXIDE, ORGANIC PRODUCTS OF DECOMPOSITION, OXIDES OR SULFUR (SULFOXIDES) FORM IF HEATED ABOVE DECOMPOSITION TEMPERATURE.

HAZARDOUS POLYMERIZATION: WILL OCCUR -> WILL NOT OCCUR -> X

HAZARDOUS POLYMERIZATION (CONDITIONS TO AVOID):

AVOID CONTACT WITH STRONG CHEMICAL OXIDIZING AGENTS.

SECTION VI - HEALTH HAZARD DATA:

HEALTH HAZARDS (ACUTE AND CHRONIC):

HEALTH HAZARD: INHALATION

TEMPORARY DISCOMFORT TO UPPER RESPIRATORY TRACT MAY OCCUR DUE TO MECHANICAL IRRITATION WHEN EXPOSURES ARE WELL ABOVE THE OCCUPATIONAL EXPOSURE LIMIT.

HEALTH HAZARD: SKIN

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SECTION VI - HEALTH HAZARD DATA: (CONT)

SKIN CONTACT WITH THE PELLETS AS RECEIVED DOES NOT PRESENT ANY KNOWN HEALTH HAZARD. HOT MOLTEN POLYMER WILL CAUSE SEVERE THERMAL BURNS.

HEALTH HAZARD: INGESTION

NOT A PROBABLE ROUTE OF EXPOSURE.

HEALTH HAZARD: EYE CONTACT

HIGH DUST CONCENTRATIONS MAY CAUSE MECHANICAL IRRITATION TO EYES.

IS ANY CHEMICAL IN THIS PRODUCT AT A CONCENTRATION OF 0.1 % OR MORE CLASSIFIED AS A CARCINOGEN BY IARC, NTP, OR OSHA? YES

SIGNS AND SYMPTOMS OF EXPOSURE:

* THE FOLLOWING INFORMATION IS PROVIDED ON THE BELOW HAZARDOUS INGREDIENT(S) PER OSHA HAZARD COMMUNICATION STANDARD 29CFR 1910.1200.

CARBON BLACK: POSSIBLE TEMPORARY DISCOMFORT DUE TO INHALATION OF HIGH DUST CONCENTRATIONS. LISTED AS POSSIBLY CARCINOGENIC TO HUMANS (GROUP 2B).

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

* THE FOLLOWING INFORMATION PROVIDED ON THE BELOW HAZARDOUS INGREDIENT(S) APPLIES TO THE INGREDIENT(S) IN THE PURE DRY FORM. THE FORM OF THE INGREDIENT(S) PROVIDED TO YOU IS ENCAPSULATED IN PLASTIC, AND THEREFORE, THE LIKELIHOOD OF EXPOSURE IS MUCH LESS, EVEN TO THE POINT OF NEGLIGIBLE. WE THEREFORE CONSIDER THE LEVEL OF HAZARD TO BE NEGLIGIBLE.

CARBON BLACK: RESPIRATORY CONDITIONS

EMERGENCY FIRST AID: INHALATION

REMOVE TO CLEAN, FRESH AIR AND TREAT SYMPTOMATICALLY.

EMERGENCY FIRST AID: SKIN

IF MOLTEN POLYMER CONTACTS THE SKIN, COOL RAPIDLY WITH COLD WATER. DO NOT ATTEMPT TO PEEL POLYMER FROM SKIN. OBTAIN MEDICAL ATTENTION FOR THERMAL BURN. SKIN ABSORPTION OF REGROUND PELLETS IS UNLIKELY.

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SECTION VI - HEALTH HAZARD DATA: (CONT)

EMERGENCY FIRST AID: INGESTION
IF INGESTED, SEEK MEDICAL ASSISTANCE

EMERGENCY FIRST AID: EYE CONTACT
RINSE EYES THOROUGHLY WITH PLENTY OF WATER KEEPING EYELID OPEN. IF
SYMPTOMS DEVELOP, SEEK MEDICAL ATTENTION.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE:

HANDLING: SPILLAGE
NORMAL CLEAN UP OF PELLETS TO AVOID SLIPPING.

HANDLING: WASTE DISPOSAL
LANDFILL OR INCINERATE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL LAWS.

HANDLING: STORAGE
AVOID DUST EXPOSURES ABOVE THE OCCUPATIONAL EXPOSURE LIMIT. AVOID CONTACT
WITH SKIN AND EYES. WASH EXPOSED SKIN DAILY. STORE IN DRY PLACE AWAY FROM
IGNITION SOURCES AND STRONG OXIDIZERS.

HANDLING: OTHER PRECAUTIONS
IN ACCORDANCE WITH GOOD MANUFACTURING PRACTICES, GOOD GENERAL VENTILATION
OF THE POLYMER PROCESSING AREA IS RECOMMENDED.

SECTION VIII - CONTROL MEASURES:

CONTROL: RESPIRATORY PROTECTION
FOR FUMES, USE APPROVED RESPIRATOR FOR ORGANIC VAPORS AND ACID GASES. FOR
FOR SECONDARY OPERATION DUST, USE APPROVED DUST RESPIRATOR.

CONTROL: VENTILATION
USE ONLY WITH ADEQUATE VENTILATION AND DUST CONTAINMENT.

CONTROL: GLOVES
USE GLOVES WHEN POLYMER IS HOT TO MINIMIZE SKIN CONTACT.

CONTROL: EYE PROTECTION
PROCESSING MAY CAUSE EYE IRRITATION, WEAR APPROPRIATE EYE PROTECTION. TAKE

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 SECTION VIII - CONTROL MEASURES: (CONT)

SPECIAL PRECAUTION WHEN IN MOLTEN STATE.

CONTROL: OTHER CLOTHING

WEAR LONG SLEEVED SHIRTS AND PANTS TO MINIMIZE SKIN CONTACT.

CONTROL: WORK/HYGIENE

OBSERVE PROPER INDUSTRIAL HYGIENIC PRACTICES ACCORDING TO REGULATIONS.

 SECTION IX - OTHER REGULATORY INFORMATION:

SARA - THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICAL(S) SUBJECT TO THE REPORTING OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372: THIS INFORMATION SHOULD BE INCLUDED IN ALL MSDS'S THAT ARE COPIED AND DISTRIBUTED FOR THIS MATERIAL.

CAS #	DOES NOT EXCEED(%) DESCRIPTION
NONE	

REACH REGULATION - THE SVHC REPORTED IN THE PROPOSAL LIST FOR INCLUSION IN ANNEX XIV (ART 59.4) AND ACCORDING TO OUR KNOWLEDGE AND THE REACH REGULATION ITSELF. DETAILS ABOUT SVHC CONTAINED IN OUR ME ARE HEREUNDER REPORTED AS OF FEBRUARY 2010.

CAS #	DOES NOT EXCEED(%) DESCRIPTION
NONE	

TSCA - ALL INGREDIENTS USED TO PRODUCE THE ABOVE FORMULATION ARE IN COMPLIANCE WITH THE TOXIC SUBSTANCES AND CONTROL ACT INVENTORY AS REQUIRED BY FEDERAL LAW.

 SECTION X - STATE REGULATORY INFORMATION:

CA PROPOSITION 65: WARNING - ANY COMPONENT OF THIS PRODUCT WHICH CONTAINS MATERIALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER ARE LISTED BELOW:

CARBON BLACK (AIRBORNE, UNBOUND PARTICLES OF RESPIRABLE SIZE) IS A CALIFORNIA PROPOSITION 65 SUBSTANCE. PLEASE NOTE THAT ALL THREE LISTING

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SECTION X - STATE REGULATORY INFORMATION: (CONT)

QUALIFIERS (AIRBORNE, UNBOUND (NOT BOUND WITHIN A MATRIX), AND RESPIRABLE SIZE (10 MICROMETERS OR LESS IN DIAMETER)) MUST BE MET FOR THIS SUBSTANCE TO BE CONSIDERED A PROPOSITION 65 SUBSTANCE.

THIS PRODUCT CONTAINS CARBON BLACK THAT IS LISTED ON CALIFORNIA PROPOSITION 65 LISTED SUBSTANCE. PLEASE NOTE THAT ALL THREE LISTING QUALIFIERS (AIRBORNE, UNBOUND (NOT BOUND WITHIN A MATRIX), AND RESPIRABLE SIZE (10 MICROMETERS OR LESS IN DIAMETER)) MUST BE MET FOR THIS SUBSTANCE.

CA PROPOSITION 65: WARNING - ANY COMPONENT OF THIS PRODUCT WHICH CONTAINS MATERIALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM ARE LISTED BELOW:

NONE

CANADIAN WHMIS: ANY COMPONENT OF THIS PRODUCT WHICH IS A HAZARDOUS CHEMICAL AS GIVEN IN WHMIS IS SHOWN BELOW:

CARBON BLACK: D2A

FLORIDA: NON-HAZARDOUS INGREDIENTS ARE BEING WITHHELD AS TRADE SECRET INFORMATION. ANY COMPONENT OF THIS PRODUCT WHICH IS A HAZARDOUS CHEMICAL AS LISTED ON THE FLORIDA HAZARDOUS LIST IS GIVEN IN SECTION II OF THIS MSDS. ANY LISTED CHEMICALS NOT SHOWN IN SECTION II ARE AS FOLLOWS:

NONE

MASSACHUSETTS:NON-HAZARDOUS INGREDIENTS ARE BEING WITHHELD AS TRADE SECRET INFORMATION. ANY COMPONENT OF THIS PRODUCT WHICH IS A HAZARDOUS CHEMICAL AS LISTED ON THE MASSACHUSETTS HAZARDOUS LIST IS GIVEN IN SECTION II OF THIS MSDS. ANY LISTED CHEMICALS NOT SHOWN IN SECTION II ARE AS FOLLOWS:

NONE

NEW JERSEY: NON-HAZARDOUS INGREDIENTS ARE BEING WITHHELD AS TRADE SECRET INFORMATION. ANY COMPONENT OF THIS PRODUCT WHICH IS A HAZARDOUS CHEMICAL AS LISTED ON THE NEW JERSEY HAZARDOUS LIST IS GIVEN IN SECTION II OF THIS MSDS. ANY LISTED CHEMICALS NOT SHOWN IN SECTION II ARE AS FOLLOWS:

NONE

PENNSYLVANIA: NON-HAZARDOUS INGREDIENTS ARE BEING WITHHELD AS TRADE SECRET

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SECTION X - STATE REGULATORY INFORMATION: (CONT)

INFORMATION. ANY COMPONENT OF THIS PRODUCT WHICH IS A
HAZARDOUS CHEMICAL AS LISTED ON THE PENNSYLVANIA HAZARDOUS
LIST IS GIVEN IN SECTION II OF THIS MSDS. ANY LISTED
CHEMICALS NOT SHOWN IN SECTION II ARE AS FOLLOWS:

NONE

RHODE ISLAND: ANY COMPONENT OF THIS PRODUCT WHICH IS A HAZARDOUS CHEMICAL
CHEMICAL AS LISTED IN THE RHODE ISLAND SUBSTANCE LIST IS
SHOWN IN SECTION II OF THIS MSDS. ANY LISTED CHEMICALS NOT
SHOWN IN SECTION II ARE AS FOLLOWS:
NONE

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TO COMPLY WITH ALL APPLICABLE LAWS AND REGULATIONS.