



23 Frank Mossberg Drive · Attleboro, MA 02703

Tel: (508) 226-5660
Cust. Serv: (800) 243-9942
Fax: (508) 226-5473
Toll Free Fax: (800) 531-2685

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

MATERIAL SAFETY DATA SHEET

Sterngold Part Number: 811175, 811018, 811370, 811040

Sterngold Description: ERA nylon yellow males

Supplier Number: AB12620081

Supplier Description: NY Zytel ST 801 025.00:1 Yellow

Supplier MSDS Identification: n/a

1/24/12

Date Updated:

M A T E R I A L S A F E T Y D A T A S H E E T

DATE: 11/09/11
PAGE: 1

SHIPPED FROM: CLARIANT CORPORATION, MASTERBATCHES DIVISION
HOLDEN-CLARIANT MASTERBATCHES
85 HOLDEN INDUSTRIAL PARK
HOLDEN MA 01520
PHONE: 508-829-6321

EMERGENCY TELEPHONE: 269-753-8434

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

PRODUCT DESCRIPTION: NY ZYTEL ST801 025.00:1 YELLOW
PRODUCT CODE: AB12620081

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

*
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

M A T E R I A L S A F E T Y D A T A S H E E T

DATE: 11/09/11
PAGE: 3

SHIPPED FROM: CLARIANT CORPORATION, MASTERBATCHES DIVISION
HOLDEN-CLARIANT MASTERBATCHES
85 HOLDEN INDUSTRIAL PARK
HOLDEN MA 01520
PHONE: 508-829-6321

EMERGENCY TELEPHONE: 269-753-8434

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

PRODUCT DESCRIPTION: NY ZYTEL ST801 025.00:1 YELLOW
PRODUCT CODE: AB12620081

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:

COMPLETE COMBUSTION IS EXPECTED TO PRODUCE CARBON, OXIDES OF CARBON AND
NITROGEN, PLUS TRACE AMOUNTS OF ELEMENTAL CHEMICALS.

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:

THERMAL DECOMPOSITION YIELDS A LARGE VARIETY OF ORGANIC AND INORGANIC
PRODUCTS, DEPENDING ON PRODUCT GRADE, TEMPERATURE AND OTHER IMMEDIATE
ENVIRONMENTAL FACTORS.

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

SHOULD BE AVOIDED BY WEARING AN APPROVED DUST MASK. INHALATION OF ANY
NUISANCE DUST MAY CAUSE RESPIRATORY IRRITATION.

HEALTH HAZARD: SKIN

SKIN CONTACT WITH THE PELLETS AS RECEIVED DOES NOT PRESENT ANY KNOWN HEALTH

SHIPPED FROM: CLARIANT CORPORATION, MASTERBATCHES DIVISION
HOLDEN-CLARIANT MASTERBATCHES
85 HOLDEN INDUSTRIAL PARK
HOLDEN MA 01520
PHONE: 508-829-6321

EMERGENCY TELEPHONE: 269-753-8434

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

PRODUCT DESCRIPTION: NY ZYTEL ST801 025.00:1 YELLOW
PRODUCT CODE: AB12620081

SECTION VI - HEALTH HAZARD DATA: (CONT)

HAZARD. HOT MOLTEN POLYMER WILL CAUSE SEVERE THERMAL BURNS.

HEALTH HAZARD: INGESTION
NOT A PROBABLE ROUTE OF EXPOSURE.

HEALTH HAZARD: EYE CONTACT
INFORMATION NOT CURRENTLY AVAILABLE

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.

PIGMENT YELLOW 53: IRRITATION OF THE EYES, SKIN, AND RESPIRATORY TRACT.
NICKEL COMPOUNDS CONSIDERED TO BE CARCIOGENIC. REPEATED OVEREXPOSURE TO
THIS COMPOUND MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.

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.

PIGMENT YELLOW 53: RESPIRATORY AND SKIN DISORDERS.

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.

M A T E R I A L S A F E T Y D A T A S H E E T

DATE: 11/09/11
PAGE: 5

SHIPPED FROM: CLARIANT CORPORATION, MASTERBATCHES DIVISION
HOLDEN-CLARIANT MASTERBATCHES
85 HOLDEN INDUSTRIAL PARK
HOLDEN MA 01520
PHONE: 508-829-6321

EMERGENCY TELEPHONE: 269-753-8434

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

PRODUCT DESCRIPTION: NY ZYTEL ST801 025.00:1 YELLOW
PRODUCT CODE: AB12620081

SECTION VI - HEALTH HAZARD DATA: (CONT)

EMERGENCY FIRST AID: INGESTION
IF INGESTED, SEEK MEDICAL ASSISTANCE

EMERGENCY FIRST AID: EYE CONTACT
INFORMATION NOT CURRENTLY AVAILABLE

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE:

HANDLING: SPILLAGE
SWEEP UP AND REMOVE TO DISPOSAL CONTAINER EXERCISING PRECAUTIONS NOT TO
CREATE DUST CONDITION.

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

HANDLING: STORAGE
AVOID BREATHING PROCESSING FUMES OR VAPORS WHICH MAY CAUSE EYE, SKIN AND
RESPIRATORY TRACT IRRITATION

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
IN DUSTY ATMOSPHERES USE NIOSH/MSHA APPROVED RESPIRATORS

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

CONTROL: GLOVES
LEATHER OR OTHER NON-PERMEABLE GLOVES.

CONTROL: EYE PROTECTION
SIDESHIELD SAFETY GLASSES

CONTROL: OTHER CLOTHING

M A T E R I A L S A F E T Y D A T A S H E E T

DATE: 11/09/11
PAGE: 6

SHIPPED FROM: CLARIANT CORPORATION, MASTERBATCHES DIVISION
HOLDEN-CLARIANT MASTERBATCHES
85 HOLDEN INDUSTRIAL PARK
HOLDEN MA 01520
PHONE: 508-829-6321

EMERGENCY TELEPHONE: 269-753-8434

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

PRODUCT DESCRIPTION: NY ZYTEL ST801 025.00:1 YELLOW
PRODUCT CODE: AB12620081

SECTION VIII - CONTROL MEASURES: (CONT)

EYE WASH STATION.

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
NICMPD	34.37	NICKEL COMPOUND (AS NI)
SBCMPD	34.37	ANTIMONY COMPOUND
7440-02-0	1.37	NICKEL (AS NI)
7440-36-0	3.78	ANTIMONY (SB) METAL

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 MB 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:
PLEASE NOTE IT IS THE RESPONSIBILITY OF THE END USER TO DETERMINE IF ITS FINISHED PRODUCTS REQUIRE LABELING UNDER CALIFORNIA PROPOSITION 65.

M A T E R I A L S A F E T Y D A T A S H E E T

DATE: 11/09/11
PAGE: 7

SHIPPED FROM: CLARIANT CORPORATION, MASTERBATCHES DIVISION
HOLDEN-CLARIANT MASTERBATCHES
85 HOLDEN INDUSTRIAL PARK
HOLDEN MA 01520
PHONE: 508-829-6321

EMERGENCY TELEPHONE: 269-753-8434

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

PRODUCT DESCRIPTION: NY ZYTEL ST801 025.00:1 YELLOW
PRODUCT CODE: AB12620081

SECTION X - STATE REGULATORY INFORMATION: (CONT)

TRACES OF LEAD AND CHROMIUM (+6) AT LESS THAN 100PPM

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:

PLEASE NOTE IT IS THE RESPONSIBILITY OF THE END USER TO DETERMINE IF ITS
FINISHED PRODUCTS REQUIRE LABELING UNDER CALIFORNIA PROPOSITION 65.
NONE

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

NONE

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
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:

M A T E R I A L S A F E T Y D A T A S H E E T

DATE: 11/09/11
PAGE: 8

SHIPPED FROM: CLARIANT CORPORATION, MASTERBATCHES DIVISION
HOLDEN-CLARIANT MASTERBATCHES
85 HOLDEN INDUSTRIAL PARK
HOLDEN MA 01520
PHONE: 508-829-6321

EMERGENCY TELEPHONE: 269-753-8434

CLARIANT WEBSITE: [HTTP://WWW.CLARIANTMASTERBATCH.COM](http://www.clariantmasterbatch.com)

PRODUCT DESCRIPTION: NY ZYTEL ST801 025.00:1 YELLOW
PRODUCT CODE: AB12620081

SECTION X - STATE REGULATORY INFORMATION: (CONT)

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

THIS INFORMATION IS ACCURATE AND RELIABLE TO THE BEST OF OUR KNOWLEDGE.
IT IS FURNISHED WITHOUT WARRANTY, EXPRESSED OR IMPLIED. CLARIANT
CORPORATION ASSUMES NO LEGAL RESPONSIBILITY FOR THE USE OF, OR RELIANCE
UPON, THESE DATA FOR HAZARDS WHICH MIGHT BE ASSOCIATED WITH THE USE OF THIS
MATERIAL OR FOR THE RESULTS OBTAINED. IT IS THE RESPONSIBILITY OF THE USER
TO COMPLY WITH ALL APPLICABLE LAWS AND REGULATIONS.