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M A T E R I A L   S A F E T Y   D A T A   S H E E T  
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CLARIANT WEBSITE: HTTP:\\WWW.CLARIANTMASTERBATCH.COM

PRODUCT DESCRIPTION: 66G13-L NATURAL  
PRODUCT CODE: 801040

\*\*\*\*\* 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 ----->0

FLAMMABILITY ----->1

REACTIVITY ----->0

PERSONAL PROTECTION -->B

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SECTION I - PRODUCT INFORMATION:  
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PRODUCT DESCRIPTION: 66G13-L NATURAL  
PRODUCT CODE: 801040                      VERSION NUMBER: 2    DATE: 10/03/13  
CHEMICAL NAME/FAMILY:  
NYLON 66 + + ADDITIVE

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SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION:  
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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		
557-05-1	PROPRIETARY (DUST)	10.0	10.0	5.0	.10
65997-17-3	FIBER GLASS (DUST)	15.0	5.0	-	10.99

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SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS:  
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BOILING POINT: N.A.  
SPECIFIC GRAVITY: N.A.  
VAPOR PRESSURE: N.A.  
MELTING POINT: Non Determined  
VAPOR DENSITY: N.A.  
EVAPORATION RATE: N.A.  
SOLUBILITY IN WATER: INSOLUBLE  
APPEARANCE AND ODOR: COLORED PLASTIC PELLET - NO SIGNIFICANT ODOR

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SECTION IV - FIRE AND EXPLOSION HAZARD DATA:  
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FLASH POINT (METHOD USED):  
THERE IS A COMPONENT IN THIS PRODUCT WITH A FLASH POINT OF 110 C.  
THE METHOD USED TO DETERMINE THIS IS: SCC  
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)  
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SPECIAL FIRE FIGHTING PROCEDURES:

BURNING WILL PRODUCE TOXIC FUMES. WEAR SELF-CONTAINED BREATHING  
APPARATUS AND FULL TURNOUT GEAR TO FIGHT FIRES.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

LARGE MOLTEN MASSES MAY IGNITE SPONTANEOUSLY IN AIR. WATER QUENCHING OF  
SUCH MASSES IS GOOD PRACTICE

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SECTION V - REACTIVITY DATA:  
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STABILITY: STABLE -> X UNSTABLE ->

STABILITY (CONDITIONS TO AVOID):

HEATING ABOVE 340 C

INCOMPATIBILITY (MATERIALS TO AVOID):

AVOID CONTACT WITH STRONG ALKALI, AMINES.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

BURNING WILL PRODUCE TOXIC FUMES.

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

HAZARDOUS POLYMERIZATION (CONDITIONS TO AVOID):

HEATING ABOVE 340 C.

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SECTION VI - HEALTH HAZARD DATA:  
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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

THIS PRODUCT CAN CAUSE SKIN IRRITATION AND ALLERGIC SKIN REACTIONS,  
FOLLOWING REPETITIVE EXPOSURES. THESE EFFECTS MAY BE SEEN AS REDNESS AND

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SECTION VI - HEALTH HAZARD DATA: (CONT)  
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ITCHING OF THE SKIN.

HEALTH HAZARD: INGESTION  
NOT A PROBABLE ROUTE OF EXPOSURE.

HEALTH HAZARD: EYE CONTACT  
ITCHING, IRRITATION AND REDNESS AFTER CONTACT WITH THE EYES.

-----  
IS ANY CHEMICAL IN THIS PRODUCT AT A CONCENTRATION OF 0.1 % OR MORE  
CLASSIFIED AS A CARCINOGEN BY IARC, NTP, OR OSHA? NO  
-----

SIGNS AND SYMPTOMS OF EXPOSURE:

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

PROPRIETARY1: INHALATION OF DUST MAY CAUSE COUGHING AND DIFFICULTY IN  
BREATHING. INGESTION MAY CAUSE DIARRHEA AND ABDOMINAL SPASMS. MAY CAUSE  
ECZEMA. MAY CAUSE MECHANICAL EYE IRRITATION. MAY CAUSE A PROGRESSIVE  
CHEMICAL PNEUMONITIS, CYANOSIS, AND PULMONARY EDEMA.

FIBER GLASS: MECHANICAL SKIN,EYE,NOSE & THROAT IRRITANT. TYPICALLY, SKIN  
IRRITATION EXPERIENCED BY MOST PERSONS NEWLY EXPOSED TO FIBER GLASS. RASH,  
ITCHING, CONJUNCTIVITIS, COUGHING AND SNEEZING.

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.

PROPRIETARY1: IMPAIRED RESPIRATORY FUNCTION, OR A HISTORY OF PULMONARY  
DISEASE.

FIBERGLASS: NONE KNOWN

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EMERGENCY FIRST AID: INHALATION  
REMOVE FROM AREA TO FRESH AIR. GET MEDICAL ATTENTION IF RESPIRATORY  
IRRITATION DEVELOPS OR IF BREATHING BECOMES DIFFICULT.

EMERGENCY FIRST AID: SKIN  
WASH WITH SOAP AND WATER, IF IRRITATION OCCURS CONSULT PHYSICIAN. REMOVE  
AND LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

EMERGENCY FIRST AID: INGESTION  
IF INGESTED, SEEK MEDICAL ASSISTANCE

EMERGENCY FIRST AID: EYE CONTACT  
IMMEDIATELY FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES. DO NOT  
LET VICTIM RUB EYES. SEEK MEDICAL ATTENTION IMMEDIATELY.

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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

PREFERRED OPTIONS FOR DISPOSAL ARE (1) RECYCLING, (2) INCINERATION WITH  
ENERGY RECOVERY, AND (3) LANDFILL. THE HIGH FUEL VALUE OF THIS PRODUCT  
MAKES OPTION 2 VERY DESIRABLE FOR MATERIAL THAT CANNOT BE RECYCLED.

HANDLING: STORAGE

CONCENTRATED DUST MAY PRESENT EXPLOSION HAZARD. PREVENT ACCUMULATION OF  
DUST ON FLOOR, WALLS AND EQUIPMENT. USE WITH ADEQUATE VENTILATION. AVOID  
CONTACT WITH EYES AND SKIN. TEMPERATURES NOT TO EXCEED 60 C.

HANDLING: OTHER PRECAUTIONS

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

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SECTION VIII - CONTROL MEASURES:  
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CONTROL: RESPIRATORY PROTECTION

IN DUSTY ATMOSPHERES USE NIOSH/MSHA APPROVED RESPIRATORS

CONTROL: VENTILATION

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SECTION VIII - CONTROL MEASURES: (CONT)

PROVIDE NATURAL OR MECHANICAL EXHAUST VENTILATION TO CONTROL GASES AND FUMES GIVEN OFF DURING HOT MELT PROCESSING, CUTTING, REGRINDING, HEAT-WELDING, SOLDERING, PURGING, OR ANY OTHER OPERATION INVOLVING HEAT SUFFICIENT TO RESULT IN FUMES, VAPORS OR PRODUCT BREAKDOWN.

CONTROL: GLOVES

HEAT RESISTANT GLOVES WITH LONG SLEEVES WHEN HANDLING MOLTEN MATERIALS.

CONTROL: EYE PROTECTION

GOGGLES

CONTROL: OTHER CLOTHING

IF THERE IS POTENTIAL CONTACT WITH HOT/MOLTEN MATERIAL, WEAR HEAT RESISTANT CLOTHING AND FOOTWEAR.

CONTROL: WORK/HYGIENE

WASH THOROUGHLY AFTER HANDLING OR EXPOSURE.

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
ZNCMPD	.10	ZINC COMPOUND
7440-66-6	.01	ZINC

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

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SECTION IX - OTHER REGULATORY INFORMATION: (CONT)

COMPLIANCE WITH THE TOXIC SUBSTANCES AND CONTROL ACT INVENTORY  
AS REQUIRED BY FEDERAL LAW.  
THIS MSDS ADHERES TO THE REGULATORY REQUIREMENTS OF THE USA AND MAY NOT  
MEET THE REGULATORY REQUIREMENTS IN OTHER COUNTRIES.

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.  
NONE

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

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SECTION X - STATE REGULATORY INFORMATION: (CONT)  
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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:

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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