

0283851-004-US

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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: OMNIColor CARDINAL RED  
PRODUCT CODE: UN3861

\*\*\*\*\* 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.  
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\*  
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 -->E

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SECTION I - PRODUCT INFORMATION:  
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PRODUCT DESCRIPTION: OMNIColor CARDINAL RED  
PRODUCT CODE: UN3861                      VERSION NUMBER: 6    DATE: 12/10/08  
CHEMICAL NAME/FAMILY: THERMOPLASTICS RESIN(S) + COLORANT  
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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		OTHER LIMITS	DOES NOT EXCEED (%)
		PEL MG/M3	ACGIH TLV MG/M3		
8007-18-9	NICKEL ANTIMONY TITANIUM	-	-	-	3.80
NICMPD	NICKEL COMPOUND (AS NI)	1.0	1.0	-	3.80
SBCMPD	ANTIMONY & COMPOUNDS (AS SB)	0.5	0.5	-	3.80
7440-36-0	ANTIMONY (SB) METAL	0.5	0.5	-	.42
7440-02-0	NICKEL (AS NI)	1.0	0.1	-	.15
1317-65-3	LIMESTONE (TOTAL DUST)	15.0	10.0	5.0	5.00
14808-60-7	SILICA, CRYSTALLINE QUARTZ	0.1	0.1	-	.10
8050-26-8	PROPRIETARY	N.E.	N.E.	-	44.22

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS:  
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BOILING POINT: >500F  
SPECIFIC GRAVITY: 1.03  
VAPOR PRESSURE: 760 AT 200F  
MELTING POINT: N/A  
VAPOR DENSITY: 0 AT 77F  
EVAPORATION RATE: <1  
SOLUBILITY IN WATER: NEGLIGIBLE  
APPEARANCE AND ODOR: COLORED PLASTIC PELLETT - 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 260 C.  
THE METHOD USED TO DETERMINE THIS IS: ASTM D1929-77

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

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:

DUST-AIR MIXTURES MAY IGNITE OR EXPLODE.

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

STABILITY (CONDITIONS TO AVOID):

AVOID EXPOSURE TO HEAT, SPARK, OR OPEN FLAME.

INCOMPATIBILITY (MATERIALS TO AVOID):

OXIDIZING AND REDUCING AGENTS.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

OXIDES OF CARBON.

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

HAZARDOUS POLYMERIZATION (CONDITIONS TO AVOID):

SMOKING, OPEN FLAMES, SPARKS AND OTHER SOURCES OF IGNITION AND HEAT.

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SECTION VI - HEALTH HAZARD DATA:  
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HEALTH HAZARDS (ACUTE AND CHRONIC):

HEALTH HAZARD: INHALATION

INHALATION OF HIGH DUST LEVELS OF BARIUM SULFATE MAY CAUSE BARITOSIS, AN IRRITATION OF THE LUNG TISSUE WHICH IS NOT INCAPACITATING AND USUALLY REVERSABLE.

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SECTION VI - HEALTH HAZARD DATA: (CONT)

HEALTH HAZARD: SKIN

INJURY TO THE SKIN OR MUCOUS MEMBRANES CAN OCCUR BY DIRECT MECHANICAL ACTION OR BY RIGOROUS SKIN CLEANING NECESSARY FOR REMOVAL OF DUST

HEALTH HAZARD: INGESTION

INGESTION MAY RESULT IN GASTRIC DISTURBANCES

HEALTH HAZARD: EYE CONTACT

EYE CONTACT MAY CAUSE A MECHANICAL ABRASION IRRITATION.

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.

NICKEL ANTIMONY TITANIUM: IRRITATION TO THE EYES, SKIN AND RESPIRATORY TRACT.

LIMESTONE, CRYSTALLINE SILICA, QUARTZ (IMPURITY): THIS PRODUCT CONTAINS GREATER THAN 0.1% CRYSTALLINE SILICA WHICH IS LISTED AS GROUP 1 CARCINOGEN BY IARC, KNOWN CARCINOGEN BY NTP, OSHA AND A2 SUSPECTED HUMAN CARCINOGEN BY ACGIH.

PROPRIETARY: MAY CAUSE EYE IRRITATION. MAY CAUSE SKIN IRRITATION. INHALATION MAY CAUSE RESPIRATORY TRACT IRRITATION. PROLONGED CONTACT MAY CAUSE SKIN SENSITIZATION AND CAUSES RESPIRATORY SENSITIZATION (ALLERGIC REACTION SUCH AS ASTHMA).

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.

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## SECTION VI - HEALTH HAZARD DATA: (CONT)

NICKEL ANTIMONY TITANIUM: RESPIRATORY AND SKIN DISORDERS AGGRAVATED BY DUST.

LIMESTONE, CRYSTALLINE SILICA, QUARTZ (IMPURITIY): NONE NOTED

PROPRIETARY: SKIN ALLERGIES

## EMERGENCY FIRST AID: INHALATION

REMOVE TO UNCONTAMINATED AREA. IF NOT BREATHING, ADMINISTER ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. SEEK MEDICAL ATTENTION

## EMERGENCY FIRST AID: SKIN

WASH CONTAMINATED SKIN WITH SOAP AND WATER. IF EXPERIENCING SKIN SENSITIVITY, SEEK MEDICAL ADVICE. IF BURN OCCURS, COOL BURN AREA IMMEDIATELY WITH COOL WATER, COVER WITH LIGHT DRESSING AND OBTAIN MEDICAL ASSISTANCE.

## EMERGENCY FIRST AID: INGESTION

FOR EXCESSIVE INGESTION DRINK WATER OR MILK. CALL A PHYSICIAN

## EMERGENCY FIRST AID: EYE CONTACT

FLUSH EYES THOROUGHLY WITH WATER FOR AT LEAST 15 MINUTES, CONSULT PHYSICIAN IF IRRITATION PERSISTS.

## SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE:

## HANDLING: SPILLAGE

UTILIZE PROTECTIVE CLOTHING AND EQUIPMENT. SPILL SHOULD BE SWEEPED UP AND PLACED IN WASTE CONTAINERS. CLEAN SPILL AREA WITH WATER AND COLLECT WASH WATER FOR APPROVED DISPOSAL. PREVENT WASH WATER FROM ENTERING WATER SYSTEM AND GROUND WATER.

## HANDLING: WASTE DISPOSAL

OBEY APPLICABLE FEDERAL, STATE AND LOCAL LAWS. DO NOT CONTAMINATE ANY LAKES, STREAMS, PONDS OR UNDERGROUND WATER SUPPLY.

## HANDLING: STORAGE

AVOID GENERATING DUST. AVOID CONTACT WITH EYES, SKIN, OR CLOTHING. WASH THOROUGHLY AFTER HANDLING. STORE IN A DRY WELL VENTILATED AREA. KEEP

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SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE: (CONT)

CONTAINER TIGHTLY CLOSED.

HANDLING: OTHER PRECAUTIONS  
AVOID EXCESSIVE HEAT

SECTION VIII - CONTROL MEASURES:

CONTROL: RESPIRATORY PROTECTION  
NIOSH/MSHA APPROVED ORGANIC VAPOR CARTRIDGE RESPIRATOR MAY BE NEEDED WHEN  
HANDLING MOLTEN MATERIAL.

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

CONTROL: GLOVES  
BUTYL RUBBER, PVC OR NEOPRENE

CONTROL: EYE PROTECTION  
GOGGLES

CONTROL: OTHER CLOTHING  
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
SBCMPD	3.80	ANTIMONY COMPOUND
NICMPD	3.80	NICKEL COMPOUND (AS NI)
7440-36-0	.42	ANTIMONY (SB) METAL
7440-02-0	.15	NICKEL (AS PART OF DYE)

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SECTION IX - OTHER REGULATORY INFORMATION: (CONT)  
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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.

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SECTION X - STATE REGULATORY INFORMATION:  
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CA PROPOSITION 65: WARNING - ANY COMPONENT OF THIS PRODUCT WHICH CONTAINS MATERIALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER ARE LISTED BELOW:  
CRYSTALLINE SILICA, QUARTZ (IMPURITY): AIRBORNE PARTICLES OF RESPIRABLE SIZE.

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:

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:

CI PIGMENT BROWN 26 (CAS# 81-33-4) >90%  
KAOLIN (CAS# 1332-58-7) <10%

NEW JERSEY: NON-HAZARDOUS INGREDIENTS ARE BEING WITHHELD AS TRADE SECRET INFORMATION. ANY COMPONENT OF THIS PRODUCT WHICH IS A

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SECTION X - STATE REGULATORY INFORMATION: (CONT)  
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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:  
CI PIGMENT BROWN 26 (CAS# 81-33-4) >90%  
KAOLIN (CAS# 1332-58-7) <10%

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:  
CI PIGMENT BROWN 26 (CAS# 81-33-4) >90%  
KAOLIN (CAS# 1332-58-7) <10%

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:

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