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
SECTION I - PRODUCT INFORMATION:

PRODUCT DESCRIPTION: TPR KRATON GLS 010.00:1 RED
PRODUCT CODE: 00043763

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION:

THE FOLLOWING INFORMATION PROVIDED ON THE BELOW HAZARDOUS PIGMENT(S) AND ADDITIVE(S) APPLIES TO THEM IN THE PURE DRY FORM. THE FORM OF THE PIGMENT AND ADDITIVE 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.

<table>
<thead>
<tr>
<th>CAS NUMBER</th>
<th>DESCRIPTION</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>OTHER LIMITS</th>
<th>DOES NOT EXCEED (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>68186-90-3</td>
<td>CHROME ANTIMONY TITANIUM</td>
<td>-</td>
<td>-</td>
<td>7.53</td>
<td></td>
</tr>
<tr>
<td>13463-67-7</td>
<td>TITANIUM DIOXIDE (DUST)</td>
<td>10.0</td>
<td>10.0</td>
<td>-</td>
<td>.09</td>
</tr>
<tr>
<td>7440-36-0</td>
<td>ANTIMONY (SB) METAL</td>
<td>0.5</td>
<td>0.5</td>
<td>-</td>
<td>.90</td>
</tr>
<tr>
<td>7631-86-9</td>
<td>SILICON DIOXIDE, AMORPHOUS</td>
<td>6.0</td>
<td>10.0</td>
<td>-</td>
<td>.01</td>
</tr>
<tr>
<td>110-30-5</td>
<td>ETHYLENE BISSTEARAMIDE</td>
<td>N.E.</td>
<td>N.E.</td>
<td>-</td>
<td>4.00</td>
</tr>
</tbody>
</table>

SECTION III - PHYSICAL/ CHEMICAL CHARACTERISTICS:

BOILING POINT: N/A
SPECIFIC GRAVITY: 0.88-0.92 (.900 AT 23C)
VAPOR PRESSURE: N/A
MELTING POINT: >160C/320F
VAPOR DENSITY: N/A
EVAPORATION RATE: N/A
SOLUBILITY IN WATER: NEGLIGIBLE
APPEARANCE AND ODOR: COLORED PLASTIC PELLET - NO SIGNIFICANT ODOR
SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS: (CONT)

SECTION IV - FIRE AND EXPLOSION HAZARD DATA:

FLASH POINT (METHOD USED):
- THERE IS A COMPONENT IN THIS PRODUCT WITH A FLASH POINT OF 329 C.
- THE METHOD USED TO DETERMINE THIS IS: (SETCHKIN)
- 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:
- FIREFIGHTERS SHOULD WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN THE PRESSURE DEMAND OR OTHER POSITIVE PRESSURE MODE. USE WATER SPRAY TO COOL EXPOSED CONTAINERS. AVOID USE OF DIRECT FULL PRESSURE STREAM OF WATER AS MOLTEN WAX MAY BE SPREAD TO IGNITION SOURCES OR CARRY FIRE TO OTHER FLAMMABLE MATERIALS. USE A WATER FOG OR FOAM TO CONTROL FIRE.

UNUSUAL FIRE AND EXPLOSION HAZARDS:
- ORGANIC PIGMENTS CAN BURN AT TEMPERATURES ABOVE 250 C. THIS PRODUCT IS NOT READILY IGNITABLE. DUST EXPLOSIONS ARE POSSIBLE.

SECTION V - REACTIVITY DATA:

STABILITY: STABLE -> X UNSTABLE ->

STABILITY (CONDITIONS TO AVOID):
- TO AVOID THERMAL DECOMPOSITION DO NOT OVERHEAT. DECOMPOSITION BEGINS AT APPROX. 240 C.

INCOMPATIBILITY (MATERIALS TO AVOID):
- AVOID CONTACT WITH STRONG ALKALI, AMINES.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:
- THERMAL DECOMPOSITION PRODUCTS MAY INCLUDE HAZARDOUS FUMES OF TITANIUM OXIDE.

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
INHALATION MAY CAUSE IRRITATION AND COUGHING. LONG TERM USE MAY EFFECT THE LUNGS AND MAY ALSO CAUSE CANCER.

HEALTH HAZARD: SKIN
MAY CAUSE IRRITATION TO SKIN

HEALTH HAZARD: INGESTION
THIS PRODUCT IS NOT EXPECTED TO BE TOXIC BY INGESTION. LARGE QUANTITIES OF MATERIALS INGESTED MAY CAUSE DISCOMFORT OR OBSTRUCTION OF THE DIGESTIVE SYSTEMS.

HEALTH HAZARD: EYE CONTACT
CONTACT WITH EYE MAY CAUSE EYE IRRITATION

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:

CHROME ANTIMONY TITANIUM: REPEATED OVEREXPOSURE TO THIS COMPOUND MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.

TITANIUM DIOXIDE: MAY CAUSE MILD AND TEMPORARY UPPER RESPIRATORY IRRITATION WITH COUGH AND SHORTNESS OF BREATH. PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE DRYING AND CRACKING OF THE SKIN IN SENSITIVE INDIVIDUALS.

AMORPHOUS SILICA: MAY CAUSE EYE IRRITATION WITH DISCOMFORT, TEARING, OR BLURRING OF VISION. MAY CAUSE SLIGHT SKIN IRRITATION WITH DISCOMFORT OR RASH.
SECTION VI - HEALTH HAZARD DATA: (CONT)

ETHYLENE BISSTEARAMIDE: MAY CAUSE IRRITATION OF EYES AND RESPIRATORY TRACT. SKIN CONTACT WITH HOT OR MOLTEN MATERIAL MAY CAUSE THERMAL BURNS.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

CHROME ANTIMONY TITANIUM: RESPIRATORY AND SKIN DISORDERS.
TITANIUM DIOXIDE: NONE KNOWN
ETHYLENE BISSTEARAMIDE: NONE KNOWN

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
REMOVE CONTAMINATED CLOTHING AND SHOES IMMEDIATELY. WASH WITH SOAP OR MILD DETERGENT AND LARGE AMOUNTS OF WATER UNTIL NO EVIDENCE OF CHEMICAL REMAINS (AT LEAST 15 - 20 MINUTES). GET MEDICAL ATTENTION IMMEDIATELY.

EMERGENCY FIRST AID: INGESTION
IF SWALLOWED, ADMINISTER AT LEAST 3-4 GLASSES OF WATER BUT DO NOT INDUCE VOMITING OR GIVE WATER TO UNCONSCIOUS OR CONVULSING PERSON. SEEK MEDICAL ATTENTION.

EMERGENCY FIRST AID: EYE CONTACT
WASH EYES IMMEDIATELY WITH LARGE AMOUNTS OF WATER OR NORMAL SALINE, OCCASIONALLY LIFTING UPPER AND LOWER LIDS, UNTIL NO EVIDENCE OF CHEMICAL REMAINS (AT LEAST 15 - 20 MINUTES). GET MEDICAL ATTENTION IMMEDIATELY.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE:

HANDLING: SPILLAGE
LARGE SPILLS, SWEEP UP WITH A MINIMUM OF DUSTING AND PLACE INTO SUITABLE CLEAN, DRY CONTAINERS FOR RECLAMATION OR LATER DISPOSAL. RESIDUE SHOULD BE CLEANED UP USING A HIGH-EFFICIENCY PARTICULATE FILTER VACUUM.

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

DISPOSE IN CLOSED CONTAINERS. COMPLY WITH LOCAL, STATE, AND FEDERAL REGULATIONS.

HANDLING: STORAGE
STORE BELOW 100 F TO AVOID MELTING.

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
USE NIOSH APPROVED RESPIRATOR FOR ORGANIC VAPORS

CONTROL: VENTILATION
PROVIDE ADEQUATE VENTILATION. EXTRUDER SHOULD BE PROPERLY VENTED.

CONTROL: GLOVES
IMPERVIOUS GLOVES

CONTROL: EYE PROTECTION
SIDESHIELD SAFETY GLASSES

CONTROL: OTHER CLOTHING
EYE WASH STATION.

CONTROL: WORK/HYGIENE
DO NOT EAT, DRINK, OR SMOKE IN WORK AREAS. WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING.

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. DOES NOT
SECTION IX - OTHER REGULATORY INFORMATION: (CONT)

<table>
<thead>
<tr>
<th>CAS #</th>
<th>EXCEED(%)</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRCMPD</td>
<td>7.53</td>
<td>CHROMIUM (III) COMPOUND</td>
</tr>
<tr>
<td>7440-47-3</td>
<td>.38</td>
<td>CHROMIUM (III) AS (CR)</td>
</tr>
<tr>
<td>SBCMPD</td>
<td>7.53</td>
<td>ANTIMONY COMPOUND</td>
</tr>
<tr>
<td>7440-36-0</td>
<td>.90</td>
<td>ANTIMONY (SB) METAL</td>
</tr>
</tbody>
</table>

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:

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:

NONE

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

NONE

FLORIDA: ANY COMPONENT OF THIS PRODUCT WHICH IS A HAZARDOUS CHEMICAL AS LISTED IN THE FLORIDA IS SHOWN BELOW:

NONE

MASSACHUSETTS: ANY COMPONENT OF THIS PRODUCT WHICH IS A HAZARDOUS CHEMICAL AS LISTED IN THE MASSACHUSETTS SUBSTANCE LIST IS SHOWN BELOW:

NONE

NEW JERSEY: NON-HAZARDOUS INGREDIENTS ARE BEING WITH HELD 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
SECTION X - STATE REGULATORY INFORMATION: (CONT)

SHOWN IN SECTION II ARE AS FOLLOWS:

NONE

PENNSYLVANIA: NON-HAZARDOUS INGREDIENTS ARE BEING HELD 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

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.