**SDS Information**

**Section 1. CHEMICAL PRODUCT SECTION**

Product Name: Guardcote Epoxy Novalac  
Product Number:  
Manufacturer: AMI  
For Chemical Emergency,  
525 Piedmont Hwy.  
Cedartown, GA 30125  
Call 770-841-5315  
PH: 678-821-3273  
FAX 678-821-3255  
Effective Date: 6-16-2009

**Section 2. COMPOSITION/INGREDIANT INFORMATION**

**GHS Classification:** Serious eye damage/Eye irritation category 2A, Skin irritation category 2, skin sensitizer category 1, Long term hazards to aquatic environment Category 2  
**GHS Label Elements and Precautionary Statements:**  
**Label Elements:** Exclamation Mark, Aquatic Toxicity  
**Hazard Statements:**  
Warning: Causes serious eye irritation.  
Warning: Causes skin irritation  
Warning: May cause an allergic skin reaction  
Toxic to aquatic life with long lasting effects  
Precautionary statements:  
P102 Keep out of reach of children.  
P103 Read label before use  
P264 Wash hands thoroughly after handling.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P272 Contaminated work clothing should not be allowed out of the workplace.  
P273 Avoid release to the environment.  
Response  
P302 + P352 IF ON SKIN: wash with plenty of soap and water.  
P333 + P313 IF SKIN irritation or rash occurs: Get medical advice/attention.  
P362 + P364 Take off contaminated clothing and wash it before reuse.  
P305 + P351 + P338 IF in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337 + P313 IF eye irritation persists: Get medical advice/attention.  
P391 Collect spillage.  
P501 Dispose of contents/container to a waste disposal facility in accordance with local, state, federal or international laws  

Other non-classifiable potential hazards  
Carcinogen category 2  
Specific target organ toxicity – single exposure category 3 (narcotic effect)

**HMIS HAZARD CLASSIFICATION**
EYES:  
MAY CAUSE IRRITATION BUT NO CORNEAL INJURY IS LIKELY.

SKIN:  
MAY CAUSE IRRITATION OR ALLERGIC SKIN RESPONSE.

INGESTION:  
THIS MATERIAL HAS A PROBABLE LOW ACUTE ORAL TOXICITY.

INHALATION:  
NO GUIDE FOR CONTROL KNOWN, HOWEVER, EXPOSURE TO HEATED VAPORS CAN CAUSE IRRITATION TO THE NOSE, THROAT OR MUCOUS MEMBRANES..  
HEALTH HAZARDS (ACUTE AND CHRONIC):  
EPoxy RESINS CAN CAUSE SENSITIZATION BY EXPOSURE THROUGH CONTACT OR HIGH CONCENTRATION OF VAPOR. EYES: INJURY IF UNLIKELY BUT STAIN FOR EVIDENCE OF CORNEAL INJURY.  
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:  
RESPIRATORY CONDITIONS OR OTHER ALLERGIC AILMENTS.

CARCINOGENICITY  
OSHA: NO  
NTP: yes  
IARC: yes

ADDITIONAL CARCINOGENICITY INFORMATION:  
Some colors may contain carbon black - Explanation Of Carcinogenicity for carbon:  
IARC MONOGRAPHS ON EVALUATION OF CARCINOGENIC RISK OF CHEMICALS TO MAN, VOL 65, PG 149, 1996:  
GROUP 2BTitanium Dioxide is listed by IARC as possibly carcinogenic to humans (group 2B).

Section 3.  
HAZARD IDENTIFICATION

<table>
<thead>
<tr>
<th>INGREDIENT</th>
<th>CAS NO.</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>MODIFIED DIGLYCIDYL ETHER OF BISPENOL A 1-5</td>
<td>25068-38-6</td>
<td>NONE</td>
<td>NONE</td>
</tr>
<tr>
<td>ALKYL GLYCIDYL ETHER</td>
<td>68609-97-2</td>
<td>NONE</td>
<td>NONE</td>
</tr>
<tr>
<td>Epoxy phenol novolac resin</td>
<td>28064-14-4</td>
<td>NONE</td>
<td>NONE</td>
</tr>
<tr>
<td>BISPHENOL F</td>
<td>9003-36-5</td>
<td>NONE</td>
<td>NONE</td>
</tr>
<tr>
<td>PROPYLENE GLYCOL MONOMETHYL ETHER</td>
<td>107-98-2</td>
<td>100 ppm</td>
<td>100 ppm</td>
</tr>
<tr>
<td>Siloxanes and silicones, di-me reactions products with silica (non-hazardous)</td>
<td>67762-90-7</td>
<td>none</td>
<td>none</td>
</tr>
<tr>
<td>Siloxanes and silicones, di-methyl (non-hazardous)</td>
<td>63148-62-9</td>
<td>none</td>
<td>none</td>
</tr>
<tr>
<td>STODDARD SOLVENT</td>
<td>8052-41-3</td>
<td>100ppm</td>
<td>100 ppm</td>
</tr>
<tr>
<td>Methoxy-2-Propanol Acetate</td>
<td>108-65-6</td>
<td>50ppm</td>
<td>NONE</td>
</tr>
<tr>
<td>*1,2,4-Trimethylbenzene</td>
<td>95-63-6</td>
<td>25ppm</td>
<td>NONE</td>
</tr>
<tr>
<td>sec-butyl alcohol</td>
<td>78-92-2</td>
<td>150ppm</td>
<td>100ppm</td>
</tr>
<tr>
<td>acetic acid, butyl ester</td>
<td>123-86-4</td>
<td>150ppm</td>
<td>150ppm</td>
</tr>
<tr>
<td>Colors may contain @ 7-13%:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Titanium Dioxide</td>
<td>13463-67-7</td>
<td>10mg/m3</td>
<td>10mg/m3</td>
</tr>
</tbody>
</table>
SECTION 3 NOTES: *Indicates toxic chemical(s) subject to reporting requirements of section 313 of Title III and of 40 CFR 372.

Note: Ingredients listed without percentages, the percentages are considered a trade secret.

Section 4. FIRST AID MEASURES

EYES:
FLUSH EYES WITH WATER FOR AT LEAST FIFTEEN MINUTES AND CONSULT A PHYSICIAN.

SKIN:
SKIN CONTACT WILL NORMALLY CAUSE NO MORE THAN IRRITATION BUT WASH AFFECTED AREA WITH SOAP AND WATER AND REMOVE CONTAMINATED CLOTHING PROMPTLY.

INGESTION:
LOW IN TOXICITY, INDUCE VOMITING ONLY IF LARGE AMOUNTS OF MATERIAL ARE INGESTED, AND OTHERWISE DO NOT INDUCE VOMITING. IN EITHER CASE CONSULT WITH A PHYSICIAN.

INHALATION:
REMOVE VICTIM TO FRESH AIR AND ADMINISTER OXYGEN IF NECESSARY.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:

Section 5. FIRE FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, (%) by volume:
UPPER: not available
LOWER: not available

FLASH POINT: 200+F

METHOD USED:
SETA FLASH

EXTINGUISHING MEDIA:
FOAM, ALCOHOL FOAM, CO2, DRY CHEMICAL, WATER FOG

SPECIAL FIRE FIGHTING PROCEDURES:
DO NOT ENTER CONFINED AREA WITHOUT FULL BUNKER GEAR INCLUDING A POSITIVE PRESSURE NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS. COOL ALL FIRE EXPOSED CONTAINERS WITH WATER.

UNUSUAL FIRE AND EXPLOSION HAZARDS:
NONE KNOWN.

Section 6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
WEAR RESPIRATOR AND PROTECTIVE CLOTHING. SHUT OFF THE SOURCE AT THE LEAK. REMOVE EXCESS WITH VACUUM TRUCK AND TAKE UP THE REMAINDER WITH AN ABSORBENT SUCH AS CLAY AND PLACE IN DISPOSAL CONTAINERS. FLUSH AREA WITH WATER TO REMOVE RESIDUE.

<table>
<thead>
<tr>
<th>Section 7.</th>
<th>HANDLING AND STORAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:</td>
<td>STORE IN A COOL DRY PLACE. SEAL ALL PARTIALLY USED CONTAINERS. WASH WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES. MIXED MATERIALS CONTAIN THE HAZARDS OF ALL THE COMPONENTS, THEREFORE, READ THE MSDS'S OF ALL THE COMPONENTS PRIOR TO USING MATERIAL. PROPERLY LABEL ALL CONTAINERS</td>
</tr>
<tr>
<td>OTHER PRECAUTIONS:</td>
<td>AVOID ALL SKIN CONTACT. AVOID BREATHING VAPORS GENERATED FROM THE MATERIAL. OBSERVE CONDITIONS OF GOOD GENERAL HYGIENE AND SAFE WORKING PRACTICES. CONTAMINATED LEATHER ARTICLES CAN NOT BE CLEANED AND MUST BE DISCARDED IF CONTAMINATED WITH THIS PRODUCT. WASH ALL CONTAMINATED CLOTHING PRIOR TO THE REUSE THEREOF</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Section 8.</th>
<th>EXPOSURE CONTROL / PERSONAL PROTECTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>RESPIRATORY PROTECTION:</td>
<td>USE A NIOSH APPROVED RESPIRATOR AS REQUIRED TO PREVENT OVER EXPOSURE TO VAPOR IN ACCORDANCE WITH 29 CFR 1910.134. GENERAL EXHAUST IS USUALLY SUFFICIENT IN LIEU OF NIOSH RESPIRATOR</td>
</tr>
<tr>
<td>VENTILATION:</td>
<td>GENERAL EXHAUST IS USUALLY SUFFICIENT TO CONTROL VAPORS AND EXPOSURE HAZARDS</td>
</tr>
<tr>
<td>PROTECTIVE GLOVES:</td>
<td>IMPERVIOUS GLOVES – NEOPRENE OR RUBBER</td>
</tr>
<tr>
<td>EYE PROTECTION:</td>
<td>SPLASH GOGGLES OR GLASSES WITH SIDE SHIELDS.</td>
</tr>
<tr>
<td>OTHER PROTECTIVE CLOTHING OR EQUIPMENT:</td>
<td>WEAR BODY COVERING CLOTHING AND OTHER COVERINGS AS NECESSARY SUCH AS APRON AND APPROPRIATE FOOTWEAR TO AVOID CONTACT WITH MATERIAL.</td>
</tr>
<tr>
<td>WORK HYGIENIC PRACTICES:</td>
<td>OBSERVE GOOD GENERAL HYGIENIC PRACTICES.</td>
</tr>
<tr>
<td>SEE SECTION THREE FOR OCCPATIONAL EXPOSURE LIMIT VALUES.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Section 9.</th>
<th>PHYSICAL AND CHEMICAL PROPERTIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>APPEARANCE AND ODOR: MEDIUM VISCOSITY LIQUID IN VARYING COLORS</td>
<td></td>
</tr>
<tr>
<td>BOILING POINT OR RANGE: 200 TO 279F</td>
<td></td>
</tr>
<tr>
<td>VAPOR DENSITY (AIR = 1): N/A</td>
<td></td>
</tr>
<tr>
<td>SPECIFIC GRAVITY (H2O = 1): 1.1 - 1.2</td>
<td></td>
</tr>
<tr>
<td>EVAPORATION RATE: N/A</td>
<td></td>
</tr>
<tr>
<td>SOLUBILITY IN WATER: NEGLIGIBLE</td>
<td></td>
</tr>
<tr>
<td>Odor Threshold: N/A</td>
<td></td>
</tr>
<tr>
<td>pH: N/A</td>
<td></td>
</tr>
<tr>
<td>Melting point/freezing point: N/A</td>
<td></td>
</tr>
<tr>
<td>Vapor Pressure: N/A</td>
<td></td>
</tr>
<tr>
<td>Auto Ignition Temperature: N/A</td>
<td></td>
</tr>
<tr>
<td>Partition Coefficient: n-octanol/water: N/A</td>
<td></td>
</tr>
<tr>
<td>Decomposition Temperature: N/A</td>
<td></td>
</tr>
</tbody>
</table>
Section 10. STABILITY AND REACTIVITY

STABILITY:
STABLE

CONDITIONS TO AVOID (STABILITY):
AVOID EXCESSIVE HEAT OR OPEN FLAMES.

INCOMPATIBILITY (MATERIAL TO AVOID):
CAN REACT VIGOROUSLY WITH STRONG OXIDIZING AGENTS AND STRONG LEWIS ACIDS OR MINERAL ACIDS.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:
CO2, ALDEHYDES, ACIDS. REACTION WITH SOME CURING AGENTS CAN GENERATE LARGE AMOUNTS OF HEAT.

HAZARDOUS POLYMERIZATION:
WILL NOT OCCUR.

Section 11. TOXICOLOGY INFORMATION

No data for the product itself.

Component data:

Component CAS# 25068-38-6: Moderate sensitizer, slight eye irritant, moderate skin irritant,
Oral LD50 >5000 mg/kg (rat), Dermal LD50 >6000 mg/kg (rabbit)

Component CAS# 68609-97-2: possible sensitizer, eye and skin irritant, Oral LD50 >10000 mg/kg (rat), Inhalation LD50 – no microscopic changes

Component Epoxy phenol novolac resin CAS# 28064-14-4: LD50 Oral: >4000 mg/kg (adult rat). LD50 skin (adult rabbit) >2000 mg/kg. Mutagenicity was negative in in-vivo genotoxicity assays. Mixed results were seen in in-vitro genotoxicity assays.

Component BISPHENOL F/EPICHLOROHYDRIN EPOXY RESIN CAS# 9003-36-5: Acute Oral Effects: LD50 (rat) >5000 mg/kg, Acute Dermal Toxicity (rabbit) >3000 mg/kg, Inhalation toxicity LC50 (rat) >1.7 mg/l air for a 4-hr aerosol exposure (maximum concentration obtained). Sensitization (guinea pig) causes sensitization. Skin Irritation (rabbit) Causes moderate irritation. Eye irritation (rabbit) Causes slight irritation.

Component CAS# 107-98-2: Ingestion LD50 rat 4016 mg/kg, Dermal LD50 rabbit >2000 mg/kg, Inhalation LC50 6 hr Vapor, rat >25.8 mg/l. May cause eye or skin irritation. May effect Kidney or liver. Has been reported to be toxic to fetus in laboratory animals.

Component CAS# 8052-41-3: Draize test (rabbit) eye: 500 mg/24hr – Moderate. Epidemiology: Studies involving petroleum refinery workers indicate that persons with routine exposure to petroleum based constituents may be at an increased risk to the development of benign neoplasms, digestive tract cancer and skin cancer. LD50 oral >6000 mg/kg (rat). Dermal LD50 >3000 mg/kg (rabbit). Inhalation LC50 = 5500 mg/kg (4 hr) (rat). Component is a moderate skin irritant. Product is an eye irritant.

Component CAS# 108-65-6: Oral LD50 = 8532 mg/kg (rat). Dermal LD% >5000 mg/kg (rabbit). Inhalation LC50 >100ppm (4hr) (rat) Component is a moderate skin irritant. Product is an eye irritant

Component CAS# 95-63-6: Oral LD50 (rat) = 5000 mg/kg. Inhalation LC50 (rat) -4h = 18000 mg/m3.

Component CAS# 78-92-2: Acute Oral Toxicity LD50 = 6480 mg/kg (rat)

Component acetic acid, butyl ester CAS# 123-86-4: Acute Oral Toxicity LD50 = 10768 mg/kg (rat) 4hr estimated. Acute Dermal Toxicity LD50 = 17601 mg/kg (rabbit) 4hr estimated. Acute Toxicity of the vapor LC50 = 2000 (rat) 4hr estimated.

Component Titanium Dioxide: Inhalation 4 h LC50 > 6.82 mg/l; Oral LD50 > 5000 mg/kg, rat; In February 2006, IARC listed titanium dioxide as possibly carcinogenic to humans Group 2B.

Component CAS# 67762-90-7: LD50 (rat) >1000 mg/kg, LD50 dermal (rabbit) >2000 mg/kg
**Section 12. ECOLOGICAL INFORMATION**

No data for the product itself.

**Component data:**
- **Component CAS# 25068-38-6:** Biodegradability (Modified Sturm Method) 12%, Fish toxicity: Rainbow trout (96hr) LC50 1.5mg/l, Zebra Fish (96hr) LC50 2.4 mg/l. Invertebrate Toxicity: Daphnia Toxicity (24hr) EC 50 3.6 mg/l.
- **Component Epoxy phenol novolac resin CAS# 28064-14-4:** Freshwater Fish Toxicity - the acute LC50 is 1-10 mg/L, based on similar materials; Freshwater Invertebrates. Toxicity - the acute EC50 is 1-10 mg/L, based on similar materials. Material is not readily biodegradable.
- **Component CAS# 107-98-2:** Bioconcentration potential is low (BCF less than 100). Potential for mobility in soil is high (KOC between 0 and 50). Material is readily biodegradable and is practically non-toxic to aquatic organisms on an acute basis (LC50/EC50/EL50/LL50 >100mg/l in the most sensitive species tested). LC50 fathead minnow 96 hr 20800 mg/l, LC50 water flea 48 hr lethally 23300 mg/l. Ec50 green algae biomass growth inhibition 7 d >1000 mg/l. Toxicity to microorganisms Ec50 activated sludge > 1000 mg/l.
- **Component CAS# 95-63-6:** Toxicity to fish LC50 (fathead minnow) 7.72 mg/l 96 hr. Toxicity to daphnia and other aquatic invertebrates: Immobilization Ec50 (water flea) 3.6mg/l 48hr.
- **Component CAS# 108-65-6:** Biodegradation Aerobic: 100% exposure time 8 days. Acute and prolonged Toxicity to Fish LC50: 161 mg/l (fathead minnow, 96 hrs); Acute Toxicity to Aquatic Invertebrates Ec50: 408 mg/l (water flea, 48 hrs).
- **Component CAS# 78-92-2:** Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise. The products of degradation are more toxic.
- **Component acetic acid, butyl ester CAS# 123-86-4:** Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise. The products of degradation are more toxic.
- **Component Titanium Dioxide:** Pimephales promelas (fathead minnow) < 1000 mg/l @ 96h LC50; Pseudokirchneriella subcapitata (green algae) 61 mg/l @ 72h EC50; Daphnia magna (water flea) > 1000 mg/l @ 48h EC50.
- **Component CAS# 112926-00-8:** Ecotoxicity: EC50 (fish) >10000 mg/l (daphnia >10000 mg/l)
- **Component Iron III oxide CAS# 1309-37-1:** Acute and Prolonged Toxicity to fish LC0 >1000 mg/l (golden Orfe). Acute toxicity to Aquatic Invertebrates Ec0 > 10000 mg/l (water flea). Toxicity to Microorganisms Ec0 > 1000mg/l (pseudomonas putida).
- **Component Yellow Pigment:** Not Hazardous as defined by OSHA HC Standard 29 CFR 1810.1200.
- **Component Iron III hydroxide CAS# 20344-49-4:** Acute and Prolonged Toxicity to fish LC0 >1000 mg/l (golden Orfe). Toxicity to Microorganisms Ec0 > 10000mg/l (pseudomonas putida).

**Section 13. DISPOSAL CONSIDERATIONS**

RCRA 40 CFR 261 Classifications:
As packaged, if this product becomes a waste, it does meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261, since it has the characteristics of Subpart C and is listed in Subpart D.
Federal, State, and Local laws governing disposal of material can differ. Ensure proper disposal compliance with proper authorities before disposal.

Section 14. TRANSPORTATION INFORMATION

U.S. DOT Information: Basic Description: HAZARDOUS MATERIAL
Proper Shipping Name: NA
IATA: Proper Shipping Name: HAZARDOUS MATERIAL
UN Number: 1294
Class: 3

Section 15. REGULATORY INFORMATION

No data for the product itself.

Component data:
Component CAS# 25068-38-6: Considered a hazardous chemical; is on the TSCA list; is on the DSL Canada, WHMIS class D2B; is on the New Jersey Right to Know list; is on the PA Right to Know List.
Component CAS# 68609-97-2: Considered a hazardous chemical; is on the TSCA list; is on the DSL Canada, is on the New Jersey Right to Know list; is on the PA Right to Know List.
Component Epoxy phenol novolac resin CAS# 28064-14-4: U.S. Toxic Substances Control Act:
All components of this product are either listed on the U.S. Toxic Substances Control Act (TSCA) inventory of chemicals or are otherwise compliant with TSCA regulations. Immediate health hazard. The chemical identity of some or all components present is confidential business information (trade secret) and is being withheld as permitted by 29CFR1910.1200 (i). Component is on the Canadian Domestic Substances List (DSL) Canadian WHMIS Class: D2B
Component BISPHENOL F/EPICHLOROHYDRIN EPOXY RESIN CAS# 9003-36-5: Component is on the TSCA and Cadada DSL lists. Component is on the New Jersey and Pennsylvania right to know lists
Component CAS# 107-98-2: on the PA right to know list. Product is on the TSCA list and DSL Canada
Component Siloxanes and silicones, di-methyl: Included on TSCA, EINECS, MITI, ACOIN, and Canadian DSL inventory or lists.

Component CAS# 8052-41-3: Component is on the TSCA and Canada DSL lists. Component is on the Pennsylvania, California, New Jersey Massachusetts and Minnesota right to know lists.
Component CAS# 95-63-6: This component is subject to SARA Title III Section 313 reporting. This component is in the TSCA and Canada DSL lists. This component is on the Massachusetts, Pennsylvania, New Jersey right to know lists.
Component CAS# 108-65-6: on the TSCA list. Component is on the Pennsylvania, Massachusetts or New Jersey Right to know substance list.
Component CAS# 78-92-2: Component is on Canada DSL and TSCA lists. Component is on the Massachusetts and Pennsylvania Right to Know list
Component acetic acid, butyl ester CAS# 123-86-4: Component is on Canada DSL and TSCA lists. This component is on the Massachusetts and Pennsylvania Right to Know list. n-butyl acetate is a CERCLA hazardous substance
Component Titanium Dioxide: Contains Proposition 65 Chemicals, is on the PA Hazardous substance list, is on the NJ right to know Regulated chemical List.
Titanium Dioxide is on inventory or in compliance with EINECS, TSCA, AICS, DSL, ENCS (JP), KECI (KR), PICCS (PH) and INV (CN).

Component Carbon: Contains Proposition 65 Chemicals. Carbon: is listed on TSCA and DSL Canada
Component CAS# 112926-00-0: Is not classified as dangerous. National Chemical Inventory listings include – AICS, DSL, IECSC, EINECS, ENCS, KECI, NZLOC, PICCS, TSCA,

Component Iron III oxide CAS# 1309-37-1 Listed on TSCA Inventory. Section 313/312 hazard category: Chronic health hazard. Potential exposure to all of the California proposition 65 have been determined to be below the No significant risk level (NSRL). Component and its impurities (1%) are on the Pennsylvania, New Jersey right to know substance lists. Component contains the following chemicals listed on the New Jersey and Pennsylvania RTK special hazardous Substance lists: Manganese CAS# 7439-96-5 (0.7%) and Aluminum CAS# 7429-90-5 (0.29%). Component contains the following ingredients which are on the Pennsylvania, Massachusetts hazardous substance lists: Chromium CAS# 7440-47-3 (0.075%) and Nickel CAS# 7440-02-0 (0.04%) Component contains the following chemicals on the California Proposition 65 list known to the state of California to be carcinogenic: Nickel CAS# 7440-02-0 (0.04%) and Cobalt CAS# 7440-48-4 (30 ppm).

Component Yellow Pigment: Not Hazardous as defined by OSHA HC Standard 29 CFR 1810.1200.
Component Iron Ill hydroxide CAS# 20344-49-4: Listed on TSCA Inventory. Potential exposure to all of the California proposition 65 chemicals have been determined to be below the No significant risk level (NSRL). Components are on the Pennsylvania right to know substance list. Component contains the following chemicals listed on the Pennsylvania RTK special hazardous Substance lists: chromium CAS# 7440-47-3 (0.02%) and nickel CAS# 7440-02-0 (0.015%).
Component contains the following ingredients which are on the Massachusetts hazardous substance lists: Chromium CAS# 7440-47-3 (0.02%), arsenic CAS# 7440-38-2 (60ppm), Beryllium CAS# 7440-41-7 (1ppm) and Nickel CAS# 7440-02-0 (0.015%). Component contains the following chemicals on the California Proposition 65 list known to the state of California to be carcinogenic: Nickel CAS# 7440-02-0 (0.015%), arsenic CAS# 7440-38-2 (60ppm), Beryllium CAS# 7440-41-7 (1ppm) and Cobalt CAS# 7440-48-4 (70ppm).

Component CAS# 147-14-8: Component is on the TSCA List. and not controlled under WHMIS. Component is a CERCLA hazardous substance

Component CAS# 1344-28-1: Component is on the Massachusetts, New Jersey, Pennsylvania right to know lists. Component is on TSCA list and Canada DSL.

Component CAS# 7631-86-9: Component is on the Minnesota right to know list. Component is on TSCA list and Canada DSL.

Component CAS# 51274-00-1: Component is on the TSCA list and Canada DSL.

Component CAS# 7631-86-9: Component is on the Minnesota right to know list. Component is on TSCA list and Canada DSL.

Sections 16. OTHER INFORMATION

LABEL INFORMATION:
For Shipping Label information refer to section 14
Product label warnings are as follows (Comparable CHIP Safety & Risk phrases are noted):
European risk and Safety Phrases:
  • S2: Keep out of the reach of children

NFPA HAZARD RATING:
(2) Fire (2 ) Health (0) Reactivity

REVISION DATES, SECTIONS, REVISED BY:
June 16, 2009, Original release date

ABBREVIATIONS USED IN THIS DOCUMENT:
NE – Not Established, NA – Not Applicable, NIF – No Information Found

ABRIDGED LIST OF REFERENCES:
Code of Federal Regulations (CFR)
The Sigma-Aldrich Library of Regulatory and Safety Data
Chemical Guide and OSHA Hazardous Communication Standard
The Environmental Protection Agency (www.epa.gov)
American National Standards Institute
University of Oxford website: http://physchem.ox.ac.uk/MSDS/#CASnumbers

To the best of our knowledge, the information contained herein is accurate.
However, neither AMI nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.