

# SAFETY DATA SHEET

PRODUCT CODE: 811FPx

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** ARM811FPx  
**PRODUCT CODES:** 811FPx

**MANUFACTURER:** Armorpoxy Inc.  
**STREET ADDRESS:** 1260 North Avenue  
**CITY, STATE, ZIP:** Plainfield, NJ 07062

**INFORMATION PHONE:** 888-755-7361  
**EMERGENCY PHONE:** Chemtrec 800-424-9300  
**FAX PHONE:** (973) 453-8114

**PREPARED BY:** Armorpoxy Inc.

**DATE REVISED:** 6/16/16

**Chemical Name or Class:** Acrylic solution

## SECTION 2: HAZARDS IDENTIFICATION

### Hazard Overview

**GHS Classification:** Acute toxicity oral category 4, Serious eye damage/eye irritation category 2B, Specific target organ toxicity – single exposure category 2, Specific target organ toxicity – repeated exposure category 2, Germ Cell Mutagenicity category 2, Chronic hazards to aquatic environment category 3

### GHS Label Elements and Precautionary Statements:

**Label Elements:** Health hazard, Exclamation Mark



### Hazard Statements:

Warning: Harmful if swallowed

Warning: Causes eye irritation

Warning: May cause damage to organs (central nervous system (CNS) and kidneys) through prolonged or repeated exposure

Warning: May cause damage to organs (central nervous system (CNS) and kidneys).

Warning: Suspected of causing genetic defects.

Harmful 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.

P270 Do not eat, drink or smoke when using this product.

P260 Do not breathe dust/fume/gas/mist/vapours/spray. P264 Wash hands thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P301 + P312 IF SWALLOWED: call a POISON CENTER or doctor/physician IF you feel unwell.

P330 Rinse mouth

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.

P308 + P311 IF exposed or concerned: Call a poison center/doctor or get medical advice/attention.

P314 Get medical advice/attention if you feel unwell

Storage:

P405 Store locked up.

Disposal:

P501 Dispose of contents/container to a waste disposal facility in accordance with local, state, federal or international laws

### Other non-classifiable potential hazards:

Carcinogenicity category 2, Warning: Suspected of causing cancer

### HMIS HAZARD CLASSIFICATION

**HEALTH: 1**      **FLAMMABILITY: 0**      **REACTIVITY: 0**      **PERSONAL PROTECTIVE EQUIPMENT: G**

### POTENTIAL HEALTH EFFECTS

**EYES:**

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MAY CAUSE IRRITATION BUT NO CORNEAL INJURY IS LIKELY. REPEATED EXPOSURE MAY CAUSE DRYNESS AND DEFATTING OF THE SKIN.

**SKIN:**

MAY CAUSE IRRITATION OR REDNESS AFTER EXPOSURE.

**INGESTION:**

CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, AND DIARRHEA.

**INHALATION:**

VAPORS MAY CAUSE HEADACHE, NAUSEA, NOSE IRRITATION. CONTAINS ETHYLENE GLYCOL WHICH CAN CAUSE LIVER ABNORMALITIES, KIDNEY DAMAGE, AND CENTRAL NERVOUS SYSTEM EFFECTS UPON OVEREXPOSURE.

**HEALTH HAZARDS (ACUTE AND CHRONIC):**

HEATED VAPORS MAY CAUSE HEADACHE, NAUSEA, OR SIMILAR RESPONSE. CHRONIC HEALTH HAZARDS ARE LIVER ABNORMALITIES, KIDNEY DAMAGE, AND CENTRAL NERVOUS SYSTEM EFFECTS.

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:**

RESPIRATORY CONDITIONS OR OTHER ALLERGIC RESPONSE.

**CARCINOGENICITY**

OSHA: YES      NTP: NO      IARC: YES

**ADDITIONAL CARCINOGENICITY INFORMATION:**

THIS PRODUCT CONTAINS SMALL AMOUNTS (LESS THAN 0.09%) OF CHLOROTHALONIL WHICH IS CLASSIFIED AS AN IARC CARCINOGEN. Some colors may contain carbon black - Explanation Of Carcinogenicity: IARC MONOGRAPHS ON EVALUATION OF CARCINOGENIC RISK OF CHEMICALS TO MAN, VOL 65, PG 149, 1996: GROUP 2B. Titanium Dioxide is listed by IARC as possibly carcinogenic to humans (group 2B).

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

| <u>INGREDIENT</u>   | <u>CAS NO.</u>            | <u>OSHA PEL</u> | <u>ACGIH TLV</u> | <u>OSHA STEL</u> | <u>WEIGHT %</u> |
|---|---------------------------|-----------------|------------------|------------------|-----------------|
| Acrylic polymer(s)  | Not Hazardous             | NONE            | NONE             | NONE             | 15-40           |
| Residual monomers (component of Acrylic polymers)             | Not Required              | NONE            | NONE             | NONE             | <0.05           |
| Aqua ammonia (component of Acrylic polymers)                  |                           |                 |                  |                  |                 |
|   | 1336-21-6                 | 5PPM            | 25PPM            | 25PPM            | <0.1            |
| Water   | 7732-18-5                 | NONE            | NONE             | NONE             | 15-40           |
| PENTAPOTASSIUM TRIPHOSPHATE, KTPP                             | 13845-36-8                | NONE            | NONE             | NONE             | 0.1-1           |
| Distillates (petroleum), solvent-dewaxed heavy paraffinic     |                           |                 |                  |                  |                 |
|   | 64742-65-0                | 500ppm          | 5mg/m3           | NONE             | 0.1-1           |
| Aluminum, hydroxybis(octadecanoato-.kappa.O)-                 |                           |                 |                  |                  |                 |
|   | 300-92-5                  | NONE            | 10mg/m3          | NONE             | 0.1-1           |
| HYDROXYETHYL CELLULOSE  | 9004-62-0                 | 10mg/m3         | 10mg/m3          | NONE             | 0.1-1           |
| *ETHYLENE GLYCOL  | 107-21-1                  | 50PPM           | 50PPM            | 50PPM            | 3               |
| Hydrated Alumina  | 21645-51-2                | 10mg/m3         | 10mg/m3          | 5mg/m3           | 10-30           |
| Titanium Dioxide  | 13463-67-7                | 10mg/m3         | 10mg/m3          | 5mg/m3           | 3-7             |
| ZINC OXIDE  | 1314-13-2                 | 30mppcp         | 30mppcp          | 30mppcp          | 3-7             |
| Mica  | 12001-26-2                | 20mppcf         | 3mg/m3           | NONE             | 1-5             |
| *crystalline silica (as a component of mica)                  | 14808-60-7                | 0.05 mg/m3      | 0.025 mg/m3      | 0.05 mg/m3       | (<0.1%)         |
| TRIMETHYLPENTANEDIOL  |                           |                 |                  |                  |                 |
| MONOISOBUTYRATE   | 25265-77-4                | NONE            | NONE             | NONE             | 1-5             |
| *TETRACHLOROISOPHTHALALONITRILE                               | 1897-45-6                 | NONE            | NONE             | NONE             | (<0.1%)         |
| Aqua ammonia (<10% concentration)                             | 1336-21-6                 | 5PPM            | 25PPM            | 25PPM            | (<0.3%)         |
| Polycarboxylate, sodium salt                                  | Not Hazardous             | NONE            | NONE             | NONE             | 0.1-1           |
| Residual monomers (component of Polycarboxylate, sodium salt) | Not Required              | NONE            | NONE             | NONE             | (<0.1)          |
| Color may contain @3-7%:                                      |                           |                 |                  |                  |                 |
| *CARBON   | 1333-86-4                 | 3.5PPM          | 3.4PPM           | NONE             | <1.0            |
| Aqueous colorant additive                                     | NJTSRN 56705700001-5043P: | NONE            | NONE             | NONE             |                 |
| Aqueous colorant additive                                     | NJTSRN 56705700001-5032P: | NONE            | NONE             | NONE             |                 |
| Aqueous colorant additive                                     | NJTSRN 56705700001-5756P: | NONE            | NONE             | NONE             |                 |
| Aqueous colorant additive                                     | NJTSRN 56705700001-5024P: | NONE            | NONE             | NONE             |                 |
| Aqueous colorant additive                                     | NJTSRN 56705700001-5023P: | NONE            | NONE             | NONE             |                 |
| Aqueous colorant additive                                     | NJTSRN 56705700001-5727P: | NONE            | NONE             | NONE             |                 |
| Aqueous colorant additive                                     | NJTSRN 56705700001-5749P: | NONE            | NONE             | NONE             |                 |
| Aqueous colorant additive                                     | NJTSRN 56705700001-5579P: | NONE            | NONE             | NONE             |                 |
| Diethylene Glycol   | 111-46-6                  | 10mg/m3         | 10mg/m3          | NONE             |                 |
| Talc  | 14807-96-6                | 20mg/m3         | 20mg/m3          | 20mg/m3          |                 |
| *crystalline silica (as a component of talc)                  | 14808-60-7                | 0.05 mg/m3      | 0.025 mg/m3      | 0.05 mg/m3       | (<0.1%)         |
| Chlorite  | 71949-90-1                | NONE            | NONE             | NONE             |                 |
| *Chromium III oxide   | 1308-38-8:                | 0.5 mg/m3       | 0.5 mg/m3        | NONE             |                 |
| Propylene glycol  | 57-55-6:                  | NONE            | NONE             | NONE             |                 |
| Aqueous colorant additive                                     | NJTSRN 56705700001-6584P: | NONE            | NONE             | NONE             |                 |
| Aqueous colorant additive                                     | NJTSRN 56705700001-5030P: | NONE            | NONE             | NONE             |                 |
| Iron oxide  | 1332-37-2                 | 5mg/m3          | 15mg/m3          | NONE             |                 |

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|   |                           |         |         |         |
|---|---------------------------|---------|---------|---------|
| Petroleum distillates                           | 64741-88-4                | 400ppm  | 400ppm  | 10mg/m3 |
| Petroleum distillates                           | 64741-89-5                | 5mg/m3  | 5mg/m3  | 10mg/m3 |
| C.I. Pigment Yellow                             | 51274-00-1                | NONE    | NONE    | NONE    |
| Iron hydroxide oxide                            | 20344-49-4                | NONE    | NONE    | NONE    |
| Aqueous colorant additive                       | NJTSRN 56705700001-5747P: | NONE    | NONE    | NONE    |
| isopropanol                                     | 67-63-0                   | 400ppm  | 400ppm  | 500ppm  |
| Barium Sulfate                                  | 7727-43-7                 | 5mg/m3  | 10mg/m3 | NONE    |
| Tributyl Phosphate                              | 126-73-8                  | 5mg/m3  | 2.5mg/3 | NONE    |
| Aqueous colorant additive                       | NJTSRN 56705700001-5704P: | NONE    | NONE    | NONE    |
| Aqueous colorant additive                       | NJTSRN 56705700001-5071P: | NONE    | NONE    | NONE    |
| Aqueous colorant additive                       | NJTSRN 56705700001-5756P: | NONE    | NONE    | NONE    |
| Chlorite  | 71949-90-1                | NONE    | NONE    | NONE    |
| Aqueous colorant additive                       | NJTSRN 56705700001-6031P: | NONE    | NONE    | NONE    |
| Aqueous colorant additive                       | NJTSRN 56705700001-6861P: | NONE    | NONE    | NONE    |
| Aqueous colorant additive                       | NJTSRN 56705700001-6584:  | NONE    | NONE    | NONE    |
| Kaolin  | 1332-58-7                 | 15mg/m3 | 2mg/m3  | NONE    |
| Yellow Pigment                                  | Not available             | NONE    | NONE    | NONE    |
| Zinc Sulfate (component of yellow pigment)      | 1314-98-3                 | NONE    | NONE    | NONE    |
| Barium Sulfate (component of yellow pigment)    | 7727-43-7                 | NONE    | NONE    | NONE    |
| Titanium Dioxide (component of yellow pigment)  | 13463-67-7                | NONE    | NONE    | NONE    |
| Pigment yellow 65 (component of yellow pigment) | 6528-34-3                 | NONE    | NONE    | NONE    |
| Iron III oxide                                  | 1309-37-1                 | 10mg/m3 | 5mg/m3  | NONE    |
| Iron oxide (C.I. pigment black11)               | 1317-61-9                 | 10mg/m3 | 5mg/m3  | NONE    |
| Precipitated silica                             | 7631-86-9                 | NONE    | 80mg/m3 | NONE    |

\*Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

THE TWA (CEILING) FOR ETHYLENE GLYCOL FOR ACGIH= 50PPM

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

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## SECTION 4: FIRST AID MEASURES

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### EYES:

FLUSH EYES WITH WATER FOR AT LEAST 15 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:

DILUTE BY GIVING MILK OR WATER. CONSULT WITH A PHYSICIAN TO DETERMINE IF MEDICAL ASSISTANCE IS WARRANTED.

### INHALATION:

REMOVE TO FRESH AIR IF EFFECTS PERSIST AND ADMINISTER OXYGEN IF NECESSARY.

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## SECTION 5: FIRE-FIGHTING MEASURES

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**FLAMMABLE LIMITS IN AIR,**  
(% by volume)

**UPPER:** not available  
**LOWER:** not available

**FLASH POINT:** >212F

**METHOD USED:**

SETA FLASH

**EXTINGUISHING MEDIA:**

OTHER

**SPECIAL FIRE FIGHTING PROCEDURES:**

MATERIAL WILL NOT BURN, BUT MAY SPLATTER ABOVE 212 DEGREES FARENHEIT. HOWEVER, THE POLYMER FILM WILL BURN, BUT WITHOUT GIVING OFF CHARRING BRANDS.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:**

NO UNUSUAL FIRE HAZARDS KNOWN.

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## SECTION 6: RELEASE MEASURES

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**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 ABSORBANT SUCH AS CLAY AND PLACE IN DISPOSAL CONTAINERS. FLUSH AREA WITH WATER TO REMOVE RESIDUE.

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## SECTION 7: HANDLING AND STORAGE

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**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:**

STORE IN A COOL DRY PLACE. SEAL ALL PARTIALLY USED CONTAINERS. WASH WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING, OR USING TOILET FACILITIES. KEEP MATERIAL FROM FREEZING.

**OTHER PRECAUTIONS:**

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AVOID ALL SKIN CONTACT. AVOID BREATHING VAPORS GENERATED FROM THE MATERIAL. OBSERVE CONDITIONS OF GOOD GENERAL HYGIENE AND SAFE WORKING PRACTICES. CONTAMINATED CLOTHING SHOULD BE CLEANED PRIOR TO REUSING.

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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### RESPIRATORY PROTECTION:

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.

### VENTILATION:

GENERAL EXHAUST IS USUALLY SUFFICIENT TO CONTROL VAPORS AND EXPOSURE HAZARDS.

### PROTECTIVE GLOVES:

IMPERVIOUS GLOVES, NEOPRENE OR RUBBER.

### EYE PROTECTION:

SPLASH PROOF GOGGLES OR SAFETY GLASSES WITH SIDE SHIELDS

### OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

WEAR BODY COVERING CLOTHING AND OTHER COVERINGS AS NECESSARY SUCH AS APRON AND APPROPRIATE FOOTWEAR TO AVOID CONTACT WITH MATERIAL.

### WORK HYGIENIC PRACTICES:

OBSERVE GOOD GENERAL HYGIENIC PRACTICES.

SEE SECTION THREE FOR OCCPATONAL EXPOSURE LIMIT VALUES.

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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**APPEARANCE AND ODOR:** LOW VISCOSITY LIQUID – WHITE OR COLORED – AMMONIA ODOR

**BOILING POINT OR RANGE:** 212F

**VAPOR DENSITY (AIR = 1):** N/A

**SPECIFIC GRAVITY (H2O = 1):** 1.3

**EVAPORATION RATE:** N/A

**SOLUBILITY IN WATER:** DILUTABLE

**Odor Threshold:** N/A

**pH:** N/A

**Melting point/freezing point:** N/A

**Vapor Pressure:** N/A

**Auto Ignition Temperature:** N/A

**Partition Coefficient: n-octanol/water:** N/A

**Decomposition Temperature:** N/A

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## SECTION 10: STABILITY AND REACTIVITY

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### STABILITY:

STABLE

### CONDITIONS TO AVOID (STABILITY):

AVOID EXCESSIVE HEAT OR OPEN FLAMES.

### INCOMPATIBILITY (MATERIAL TO AVOID):

NONE KNOWN

### HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:

CARBON MONOXIDE AND CARBON DIOXIDE

### HAZARDOUS POLYMERIZATION:

WILL NOT OCCUR

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## SECTION 11: TOXICOLOGICAL INFORMATION

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No data for the product itself.

### Component data:

**Component(s) Acrylic polymer(s) Not Hazardous, Residual monomers CAS# Not Required, Aqua ammonia CAS# 1336-21-6 and Water CAS# 7732-18-5:** No data are available for this material. The information shown is based on profiles of compositionally similar materials. Acute oral toxicity LD50 rat > 5,000 mg/kg. Acute dermal toxicity LD50 rabbit > 5,000 mg/kg. Skin irritation: rabbit May cause transient irritation. Eye irritation: rabbit No eye irritation

**Component PENTAPOTASSIUM TRIPHOSPHATE, KTPP CAS# 13845-36-8:** Special Remarks on other Toxic Effects on Humans: Potential Health Effects: Skin: May cause skin irritation. However, it is considered non-irritating based on toxicity studies with a similar material. Prolonged contact with the dry material may cause drying or chapping of the skin. Eyes: Dust may cause mechanical eye irritation. It is considered mildly irritating. Inhalation: Dust may cause respiratory tract irritation with coughing and sneezing. Ingestion: May cause digestive tract irritation. It is considered no more than slightly toxic if swallowed based on toxicity studies with a similar material. No significant adverse health effects are expected to develop if only small amounts (less than a mouthful) are swallowed. Large doses may cause nausea, vomiting and diarrhea.

**Component(s) Distillates (petroleum), solvent-dewaxed heavy paraffinic CAS# 64742-65-0 and Aluminum,**

**hydroxybis(octadecanoato- $\kappa$ O)- CAS# 300-92-5:** Acute toxicity Oral: Type of value: LD50 Value: > 2,000 mg/kg.

Skin: Information on: Distillates (petroleum), solvent-dewaxed heavy paraffinic Species: rabbit Method: OECD Guideline 404. Eye: Information on: Distillates (petroleum), solvent-dewaxed heavy paraffinic Species: rabbit Result: non-irritant

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Method: OECD Guideline 405 Literature data. Sensitization: Information on: Distillates (petroleum), solvent-dewaxed heavy paraffinic Patch-Test Species: guinea pig, Result: Non-sensitizing. Method: OECD Guideline 406

**Component HYDROXYETHYL CELLULOSE CAS# 9004-62-0:** CHRONIC EXPOSURE - REPRODUCTIVE HAZARD

Species: Mouse Dose: 500 MG/KG Route of Application: Intraperitoneal Exposure Time: (3-7D PREG) Result: Effects on Fertility: Post-implantation mortality (e.g., dead and/or resorbed implants per total number of implants). Inhalation There were no deaths, abnormal behavioural reactions, adverse body weight changes or growth changes in any tissues or organs resulting from an acute dust inhalation study using low viscosity NATROSOL® 250 R with rats, mice and guinea pigs. Skin contact There was only slight primary irritation and no sensitization when human subjects were patch-tested.

Eye contact Application of this product to the eyes of rabbits produced only minimal irritation with complete recovery within 24 hours. Ingestion No specific symptoms.

**Component ETHYLENE GLYCOL CAS# 107-21-1:** Toxicity to Animals: Acute oral toxicity (LD50): 4700 mg/kg [Rat]. Acute toxicity of the vapor (LC50): >200 mg/m<sup>3</sup> 4 hours [Rat]. Chronic Effects on Humans: CARCINOGENIC EFFECTS: A4 (Not classifiable for human or animal.) by ACGIH. MUTAGENIC EFFECTS: Mutagenic for mammalian somatic cells. Non-mutagenic for bacteria and/or yeast. May cause damage to the following organs: kidneys, liver, central nervous system (CNS). Other Toxic Effects on Humans: Hazardous in case of ingestion. Slightly hazardous in case of skin contact (irritant, permeator), of inhalation. Special Remarks on Toxicity to Animals: Lowest Published Toxic Dose/Conc: TDL [Man] - Route: oral; Dose: 15gm/kg Lethal Dose/Conc 50% Kill LD50 [Rabbit] - Route: dermal; Dose: 9530 ul/kg Special Remarks on Chronic Effects on Humans: May cause adverse reproductive effects and birth defects (teratogenic) based on animal test data. No human data has been reported at this time. May affect genetic material (mutagenic)

Special Remarks on other Toxic Effects on Humans: Acute Potential Health Effects: Skin: May cause skin irritation. May cause more severe response if skin is abraded. A single prolonged exposure is not likely to result in material being absorbed through skin in harmful amounts. Massive contact with damaged skin may result in absorption of potentially harmful amounts Eyes: Vapors or mist may cause temporary eye irritation (mild temporary conjunctival inflammation) and lacrimation. Corneal injury is unlikely or insignificant. Ingestion: It is rapidly absorbed from the gastrointestinal tract. Oral toxicity is expected to be moderate in humans due to Ethylene Glycol even though tests with animals show a lower degree of toxicity. Excessive exposure (swallowing large amounts) may cause gastrointestinal tract irritation with nausea, vomiting, abdominal discomfort, diarrhea. It can affect behavior/central nervous system within 0.5 to 12 hours after ingestion. A transient inebriation with excitement, stupor, headache, slurred speech, ataxia, somnolence, and euphoria, similar to ethanol intoxication, can occur within the first several hours. As the Ethylene Glycol is metabolized, metabolic acidosis and further central nervous system depression (convulsions, muscle weakness) develop. Serious intoxication may develop to coma associated with hypotonia, hyporeflexia, and less commonly seizures, and meningismus. 12 to 24 hours

**Component Hydrated Alumina CAS# 21645-51-2:** Acute Toxicity – Primary Irritant Effect: On the skin: Irritant to skin and mucous membranes. On the eyes: Irritating effect. Sensitization: No sensitizing effects known.

**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 ZINC OXIDE CAS# 1314-13-2:** ORAL (LD50): Acute: 7950 mg/kg [Mouse]. Chronic Effects on Humans: MUTAGENIC EFFECTS: Mutagenic for mammalian somatic cells. Mutagenic for bacteria and/or yeast.

Other Toxic Effects on Humans: Hazardous in case of inhalation. Slightly hazardous in case of skin contact (irritant), of ingestion. Special Remarks on Chronic Effects on Humans: May cause adverse reproductive effects based on animal data. No human data found at this time. May affect genetic material (mutagenic). Acute Potential Health Effects: May cause mild skin irritation. Eyes: May cause mechanical eye irritation and conjunctivitis. Inhalation: May cause mechanical irritation of the respiratory tract. A few sources claim that finely divided zinc oxide dust can cause "metal fume fever." Zinc oxide dust is generally considered a nuisance dust; adverse effects are unlikely when exposures are kept under reasonable control. Inhalation of high concentrations of Zinc Oxide fume or dust may cause "Metal Fume Fever." Symptoms of metal fume fever may include a flu-like condition involving headache, chills, fever, sweats, nausea, vomiting, cough, muscle aches and pains, and difficulty breathing, pulmonary edema. May also affect the liver. Ingestion: May cause digestive tract irritation although Zinc oxide has a low toxicity by oral exposure route. Chronic Potential Health Effects: Ingestion: Prolonged or repeated ingestion of zinc oxide may affect blood, metabolism, and the thyroid.

**Component Silicon dioxide:** Inhalation and retention of respirable crystalline silica can cause silicosis in several forms, chronic, accelerated or acute. Acute silicosis can occur with exposures to high concentrations of respirable crystalline silica over a very short time period, the symptoms of acute silicosis include progressive shortness of breath, fever, cough, and weight loss. Acute silicosis can be fatal. IARC concluded that there was sufficient evidence in humans for the carcinogenicity of crystalline silica in the form of quartz (Group 1). Exposure to respirable crystalline silica can also be associated with autoimmune disease, tuberculosis, kidney damage, non-malignant respiratory disease. For further information, the NIOSH Hazard Review- Occupational Effects of Occupational Exposure to Respirable Crystalline Silica published in April of 2002 should be reviewed.

**TRIMETHYLPENTANEDIOLMONOISOBUTYRATE CAS# 25265-77-4:** Acute Oral Toxicity LD 50 Rat: 3,200 mg/kg. Acute Inhalation Toxicity LC 50 Rat: 3.55 mg/l, 6 h

**Component TETRACHLOROISOPHTHALALONITRILE CAS# 1897-45-6:** TOXICITY DATA: Oral Rat 10000 mg/kg LD50.

Inhalation Rat 310 mg/m<sup>3</sup> LC50. Skin Rat > 2500 mg/kg LD50. Oral Mouse 3700 mg/kg LD50. Intraperitoneal Mouse 2500 UG/KG LD50.

Remarks: Behavioral:Somnolence (general depressed activity). Behavioral:Muscle contraction or spasticity. Oral Dog > 5000 mg/kg LD50.

Skin Rabbit > 10000 mg/kg LD50. CHRONIC EXPOSURE - CARCINOGEN

Result: This product is or contains a component that has been reported to be possibly carcinogenic based on its IARC, ACGIH, NTP, or EPA classification. Species: Rat, Route of Application: Oral, Dose: 142 GM/KG, Exposure Time: 80W,

Frequency: C, Result: Tumorigenic: Carcinogenic by RTECS criteria. Kidney, Ureter, Bladder: Kidney tumors.

IARC CARCINOGEN LIST Rating: Group 2B. NTP CARCINOGEN LIST Rating: Clear evidence. Species: Rat Route: Feed. CHRONIC EXPOSURE – MUTAGEN, Species: Human, Dose: 50 UMOL/L, Cell Type: lymphocyte, Mutation test: DNA damage, Species: Mouse, Dose: 120 UG/L, Cell Type: lymphocyte Mutation test: Mutation in mammalian somatic cells. Species: Hamster, Dose: 200 NMOL/L, Cell Type: ovary, Mutation test: DNA damage, Species: Hamster, Dose: 500 UG/L, Cell Type: ovary, Mutation test: Cytogenetic analysis, Species: Hamster, Dose: 2 MG/L, Cell Type: ovary, Mutation test: Sister chromatid exchange. Species: other fish, Route: Unreported, Dose: 1400 PPT/7D-C

**Aqua ammonia (<10%) CAS# 1336-21-6:** Toxicity by Ingestion: Oral rat, LD50: 350 mg/kg

**Polycarboxylate, sodium salt Not Hazardous and Residual monomers (component of Polycarboxylate, sodium salt) CAS# Not Required:** Acute oral toxicity: LD50 rat > 5,000 mg/kg. Acute dermal toxicity: LD50 rabbit > 2,000 mg/kg. Eye irritation: rabbit No eye irritation

**Component Carbon:** IARC lists carbon as a possible human carcinogen Category 2B. LD50 – Intravenous, mouse = 440 mg/kg

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**Component talc CAS# 14807-96-6:** Carcinogenic effects – this component may contain crystalline silica dust can cause silicosis, a form of progressive pulmonary fibrosis. Inhalable crystalline silica is listed by IARC as a group I carcinogen (lung) based on sufficient evidence in occupationally exposed humans and sufficient evidence in animals. Crystalline Silica is also listed by the NTP as a known human carcinogen

**Component crystalline silica:** Inhalation and retention of respirable crystalline silica can cause silicosis in several forms, chronic, accelerated or acute. Acute silicosis can occur with exposures to high concentrations of respirable crystalline silica over a very short time period, the symptoms of acute silicosis include progressive shortness of breath, fever, cough, and weight loss. Acute silicosis can be fatal. IARC concluded that there was sufficient evidence in humans for the carcinogenicity of crystalline silica in the form of quartz (Group 1). Exposure to respirable crystalline silica can also be associated with autoimmune disease, tuberculosis, kidney damage, non-malignant respiratory disease. For further information, the NIOSH Hazard Review- Occupational Effects of Occupational Exposure to Respirable Crystalline Silica published in April of 2002 should be reviewed.

**Component diethylene Glycol CAS# 111-46-6:** Estimated human oral lethal dose is 1.0 to 1.2 g/kg. LD50 Oral (rat) = 20760 mg/kg. LD50 Dermal (rabbit) = 13300 mg/kg. diethylene glycol vapors have caused central nervous system effects in mice and rats, but no such effects have been documented in humans.

**Component NJTSRN 56705700001-5043P:** LD50 oral (rat) = 3000 mg/kg. Acute dermal LD50 (rabbit) = 4400 mg/kg

**Component Chromium III oxide CAS# 1308-38-8:** LD50 Oral (rat) >5000 mg/kg.

**Component Propylene glycol CAS# 57-55-6:** LD50 oral (rat) >2000 mg/kg. Acute Dermal LD50 (rabbit) >10000 mg/kg

**Component NJTSRN 56705700001-6584P:** LD50 oral (rat) = 1300 mg/kg

**Component NJTSRN 56705700001-5024P:** LD50 Oral (rat) = 1900 mg/kg. Dermal LD50 (rat) = 1110 mg/kg.

**Component NJTSRN 56705700001-5023:** LD50 Oral (rat) = 1900 mg/kg. Dermal LD50 (rabbit) >10000 mg/kg

**Component NJTSRN 56705700001-5030P:** .No data

**Component Petroleum distillates CAS# 64741-88-4:** no data

**Component Petroleum distillates CAS# 64741-89-5:** no data

**Component NJTSRN 56705700001-5747:** LD50 Oral (rat) = .2000 mg/kg.

**Component NJTSRN 56705700001-5704:** .No data

**Component NJTSRN 56705700001-5071P:** .No data

**Component NJTSRN 56705700001-6031P:** .No data

**Component NJTSRN 56705700001-6861P:** LD50 Oral (rat) = 1836 mg/kg. moderate skin irritation.

**Component Yellow Pigment:** Not Hazardous as defined by OSHA HC Standard 29 CFR 1810.1200.. Acute oral value of 20 gm/kg or greater in rats

**Component Iron III oxide CAS# 1309-37-1:** Acute Oral Toxicity LD50 >5000 mg/kg (rat). Acute Dermal Toxicity LD50 >5000 mg/kg (rat)

**Component Iron oxide (C.I. pigment black11) CAS# 1317-61-9:** Acute Oral Toxicity LD50: > 5,000 mg/kg (Rat)  
Skin Irritation rabbit, Non-irritating. Eye Irritation rabbit, Non-irritating. Sensitization dermal: non-sensitizer (Guinea pig).  
Mutagenicity Genetic Toxicity in Vitro: Ames: negative (Salmonella typhimurium, Metabolic Activation: with/without)

**Component CAS# 7631-86-9:** LD50 (rat >5000 mg/kg, LD50 dermal (rat) >2000 mg/kg

## SECTION 12: ECOLOGICAL INFORMATION

No data for the product itself.

**Component data:**

**Component PENTAPOTASSIUM TRIPHOSPHATE, KTPP CAS# 13845-36-8:** Products of Biodegradation:

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The product itself and its products of degradation are not toxic.

**Component(s) Distillates (petroleum), solvent-dewaxed heavy paraffinic CAS# 64742-65-0 and Aluminum,**

**hydroxybis(octadecanoato-.kappa.O)- CAS# 300-92-5:** Fish Acute: LC50: > 100 mg/l. Microorganisms Toxicity to microorganisms: EC0: > 10 - 100 mg/l. Degradability / Persistence Biological / Abiological Degradation Evaluation: Not readily biodegradable (by OECD criteria).

**Component HYDROXYETHYL CELLULOSE CAS# 9004-62-0:** Elimination information (persistence and degradability)

Biodegradability : Slowly biodegradable Ecotoxicity Acute fish toxicity The four day median tolerance limit (TL 50 ) of rainbow trout and bluegills under static conditions is greater than 100 parts hydroxyethylcellulose per million parts of water. In addition no adverse reactions were noted in the fish exposed to hydroxyethylcellulose. These results demonstrate that hydroxyethylcellulose has a low order of toxicity in fish.

**Component ETHYLENE GLYCOL CAS# 107-21-1:** Ecotoxicity: Ecotoxicity in water (LC50): 41000 mg/l 96 hours [Fish (Trout)]. 46300 mg/l 48 hours [water flea]. 34250 mg/l 96 hours [Fish (bluegill fish)]. 34250 mg/l 72 hours [Fish (Goldfish)].

BOD5 and COD: Not available. Products of Biodegradation: Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise. Toxicity of the Products of Biodegradation: The products of degradation are less toxic than the product itself.

**Component Hydrated Alumina CAS# 21645-51-2:** General Notes: Generally, no adverse conditions are anticipated, but may require compliance with governmental restrictions and permitting requirements prior to release.

**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 ZINC OXIDE CAS# 1314-13-2:** Products of Biodegradation: Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise. Toxicity of the Products of Biodegradation: The product itself and its products of degradation are not toxic.

**Component Silicon Dioxide:** There is no data that suggests that crystalline silica is toxic to birds, fish, invertebrates, microorganisms or plants.

**Component Crystalline silica:** There is no data that suggests that crystalline silica is toxic to birds, fish, invertebrates, microorganisms or plants.

**Component talc CAS# 14807-96-6:** There is no data that suggests that crystalline silica is toxic to birds, fish, invertebrates, microorganisms or plants.

**Component Yellow Pigment:** Not Hazardous as defined by OSHA HC Standard 29 CFR 1810.1200.

**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)

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**Component Iron oxide (C.I. pigment black11) CAS# 1317-61-9:** Acute and Prolonged Toxicity to Fish LC0: > 1,000 mg/l (Golden orfe (Leuciscus idus), 48 hrs). Toxicity to Microorganisms EC0: > 1,000 mg/l, (Pseudomonas fluorescens, 24 hrs)  
**Component CAS# 7631-86-9:** Ecotoxicity: EC50 (fish) .10000 mg/l (daphnia >10000 mg/l)

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## SECTION 13: WASTE DISPOSAL

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### WASTE DISPOSAL METHOD:

DISPOSE OF THE MATERIAL IN A WASTE DISPOSAL SITE IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL LAWS.

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## SECTION 14: Transport Information

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**DOT:** Not Regulated

**IMO/IMDG:** Not Regulated

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## SECTION 15: REGULATORY INFORMATION

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**No data for the product itself.**

### Component data:

**Component(s) Acrylic polymer(s) Not Hazardous, Residual monomers CAS# Not Required, Aqua ammonia CAS# 1336-21-6 and Water CAS# 7732-18-5:** OSHA: This component mixture is considered non-hazardous under the OSHA Hazard Communication Standard (29CFR1910.1200). WHMIS: This component mixture is not a controlled product under the Canadian Workplace Hazardous Materials Information System. US. Toxic Substances Control Act (TSCA): All components of this mixture are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory. Any material listed as "Not Hazardous" in the CAS REG NO. column of SECTION 3, Composition/Information On Ingredients, of this MSDS is a trade secret under the provisions of the Pennsylvania Worker and Community Right-to-Know Act. The following chemicals are listed because of the additional requirements of Pennsylvania law: Components: Ethyl acrylate CAS# 140-88-5. California (Proposition 65) This product contains trace levels of a component or components known to the state of California to cause cancer: Components: Ethyl acrylate CAS# 140-88-5

**Component PENTAPOTASSIUM TRIPHOSPHATE, KTPP CAS# 13845-36-8:** Federal and State Regulations: TSCA 8(b) inventory: Potassium Tripolyphosphate WHMIS (Canada): Not controlled under WHMIS (Canada). DSCL (EEC): This product is not classified according to the EU regulations.

**Component(s) Distillates (petroleum), solvent-dewaxed heavy paraffinic CAS# 64742-65-0 and Aluminum, hydroxybis(octadecanoato-kappa.O)- CAS# 300-92-5:** Federal Regulations Registration status: Chemical TSCA, US listed. OSHA hazard category: IARC 1, 2A or 2B carcinogen; NTP listed carcinogen; Chronic target organ effects reported; ACGIH TLV established EPCRA 311/312 (Hazard categories): Acute; Chronic. State regulations State RTK CAS Number Chemical name MA, NJ, PA 64742-65-0 Distillates (petroleum), solvent-dewaxed heavy paraffinic. Components are on the Canada DSL list.

**Component HYDROXYETHYL CELLULOSE CAS# 9004-62-0:** Component is on the TSCA and Canada DSL lists.

**Component ETHYLENE GLYCOL CAS# 107-21-1:** Federal and State Regulations: Illinois toxic substances disclosure to employee act: Ethylene glycol Illinois chemical safety act: Ethylene glycol New York release reporting list: Ethylene glycol Rhode Island RTK hazardous substances: Ethylene glycol Pennsylvania RTK: Ethylene glycol Minnesota: Ethylene glycol Massachusetts RTK: Ethylene glycol Massachusetts spill list: Ethylene glycol New Jersey: Ethylene glycol Louisiana spill reporting: Ethylene glycol TSCA 8(b) inventory: Ethylene glycol TSCA 4(a) proposed test rules: Ethylene glycol SARA 313 toxic chemical notification and release reporting: Ethylene glycol CERCLA: Hazardous substances. Ethylene glycol: 5000 lbs. (2268 kg) Other Regulations: OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200). EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances and on the TSCA and Canada DSL lists.

**Component Hydrated Alumina CAS# 21645-51-2:** Carcinogenicity: This product is not listed by NTP, IARC, or regulated as a carcinogen by OSHA. U.S. Federal Regulations: TSCA Chemical Inventory Status: All components of this product are listed. Canadian Regulations: WHMIS Classification: Not a controlled product. DSL (Domestic Substance List): All components of this product are listed on the DSL. NPRI (National Pollutant Release Inventory): Not subject to mandatory reporting requirements. European Union Classification: (EINECS 244-492-7)

This product is not subject to identification regulations under EU Directives or the Ordinance on Hazardous Materials and is considered non-dangerous in accordance with 1999/45/EC.

**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 ZINC OXIDE CAS# 1314-13-2:** Federal and State Regulations: Illinois toxic substances disclosure to employee act: Zinc oxide Rhode Island RTK hazardous substances: Zinc oxide Pennsylvania RTK: Zinc oxide Minnesota: Zinc oxide Massachusetts RTK: Zinc oxide New Jersey: Zinc oxide California Director's List of Hazardous Substances: Zinc oxide TSCA 8(b) inventory: Zinc oxide Other Regulations: EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances. WHMIS (Canada): Not controlled under WHMIS (Canada).

DSCL (EEC): R40- Possible risks of irreversible effects.

**Component CAS# 12001-26-2:** On TSCA list. DSL Canada Listed and is considered an uncontrolled product. Although not on the California Proposition 65 list, it may contain ppm quantities of materials regulated under California's safe drinking water and toxic enforcement act of 1986.

Crystalline Silica (Silicon Dioxide) is on the TSCA list. NTP list as a known human carcinogen, California proposition 65 list as a known carcinogen, Massachusetts Toxic Use Reduction Act list as toxic, Pennsylvania Worker and community right to know Act list as a hazardous substance.

**Component Crystalline Silica (Silicon Dioxide)** is on the Canada DSL – WHMIS Classification D2A Crystalline Silica is on the Australian Inventory of Chemicals Substances list, Japan Ministry of International Trade and Industry list, Korea Existing Chemicals Inventory with registry number 9212-5667 and the Philippines Inventory of Chemicals and Chemical Substances list.

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**TRIMETHYLPENTANEDIOLMONOISOBUTYRATE CAS# 25265-77-4:** All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory and Canada DSL list.

**Component TETRACHLOROISOPHTHALALONITRILE CAS# 1897-45-6:** US CLASSIFICATION -Indication of Danger: Harmful. Dangerous for the environment. Risk Statements: Limited evidence of a carcinogenic effect. Irritating to eyes, respiratory system and skin. May cause sensitization by skin contact. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. US Statements: Target organ(s): Kidneys.

UNITED STATES REGULATORY INFORMATION - TSCA INVENTORY ITEM: Yes. SARA LISTED: Yes, NOTES: This product is subject to SARA section 313 reporting requirements. CANADA REGULATORY INFORMATION - DSL: Yes

**Aqua ammonia (<10%) CAS# 1336-21-6:** Short Term Inhalation Limits: (Ammonia gas) 100 ppm for 30 min.; 500 ppm for 10 min. IDLH Value\*: 300 ppm \*The Immediately Dangerous to Life and Health Value Reportable Quantity: 1000 Pounds (454 Kilograms) (134 Gal.) Carcinogenicity Lists: NTP: No IARC Monograph: No. OSHA Regulated: Yes. Section 313 Supplier Notification: This product contains the following toxic chemical(s) subject to the reporting requirements of SARA TITLE III Section 313 of the Emergency Planning and Community Right-To Know Act of 1986 and of 40 CFR 372: Aqua ammonia (<10%) CAS# 1336-21-6.

**Polycarboxylate, sodium salt Not Hazardous and Residual monomers (component of Polycarboxylate, sodium salt) CAS# Not Required:** OSHA: This component mixture is considered non-hazardous under the OSHA Hazard Communication Standard (29CFR1910.1200). WHMIS: This component mixture is not a 'controlled product' under the Canadian Workplace Hazardous Materials Information System. SARA TITLE III: Section 311/312 Categorizations (40CFR370): This product is not a hazardous chemical under 29CFR 1910.1200, and therefore is not covered by Title III of SARA. United States Toxic Substances Control Act (TSCA): All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory. Pennsylvania. Any component of this mixture listed as "Not Hazardous" in the CAS REG NO. column of SECTION 3, Composition/Information On Ingredients, of this MSDS is a trade secret under the provisions of the Pennsylvania Worker and Community Right-to-Know Act.

**Component Carbon:** Contains Proposition 65 Chemicals. Carbon: is listed on TSCA and DSL Canada

**Component NJTSRN 56705700001-5043P:** This Component is listed on the Canada DSL, TSCA, EINECS, AICS, TCCL, PICCS lists.

**Component NJTSRN 56705700001-5032P:** This Component is listed on the Canada DSL, TSCA, EINECS, AICS, TCCL, PICCS lists.

**Component diethylene Glycol CAS# 111-46-6:** This Component is listed on the Canada DSL, TSCA, EINECS, AICS, lists.

**Component Crystalline Silica (Silicon Dioxide)** is on the TSCA list. NTP list as a known human carcinogen, California proposition 65 list as a known carcinogen, Massachusetts Toxic Use Reduction Act list as toxic, Pennsylvania Worker and community right to know Act list as a hazardous substance. Component Crystalline Silica (Silicon Dioxide) is on the Canada DSL – WHMIS Classification D2A. Crystalline Silica is on the Australian Inventory of Chemicals Substances list, Japan Ministry of International Trade and Industry list, Korea Existing Chemicals Inventory with registry number 9212-5667 and the Philippines Inventory of Chemicals and Chemical Substances list.

**Component talc CAS# 14807-96-6 may contain Crystalline Silica (Silicon Dioxide)** which is on the TSCA list. NTP list as a known human carcinogen, California proposition 65 list as a known carcinogen, Massachusetts Toxic Use Reduction Act list as toxic, Pennsylvania Worker and community right to know Act list as a hazardous substance.

**Component Chlorite CAS# 71949-90-1:** This Component is listed on the Canada DSL, TSCA, EINECS, AICS, TCCL, PICCS lists.

**Component NJTSRN 56705700001-5756P:** This Component is listed on the Canada DSL, TSCA, EINECS, AICS, TCCL, PICCS lists.

**Component NJTSRN 56705700001-6584P:** This Component is listed on the Canada DSL, TSCA, EINECS, AICS, TCCL, PICCS lists.

**Component NJTSRN 56705700001-5024P:** This Component is listed on the Canada DSL, TSCA, EINECS, AICS, lists.

**Component NJTSRN 56705700001-5023P:** This Component is listed on the Canada DSL, TSCA, EINECS, AICS, lists.

**Component NJTSRN 56705700001-5727P:** This Component is listed on the Canada DSL, TSCA, EINECS, AICS, lists.

**Component NJTSRN 56705700001-5749P:** This Component is listed on the Canada DSL, TSCA, EINECS, AICS, lists.

**Component NJTSRN 56705700001-5579P:** This Component is listed on the Canada DSL, TSCA, EINECS, AICS, lists.

**Component NJTSRN 56705700001-5030P:** This Component is listed on the Canada DSL, TSCA, lists.

**Component Iron Oxide CAS# 1332-37-2:** This Component is listed on the Canada DSL, TSCA, lists.

**Component Petroleum distillates CAS# 64741-88-4:** This Component is listed on the Canada DSL, TSCA, EINECS, AICS, lists.

**Component Petroleum distillates CAS# 64741-89-5:** This Component is listed on the Canada DSL, TSCA, EINECS, AICS, lists.

**Iron hydroxide oxide CAS# 20344-49-4:** This Component is listed on the Canada DSL, TSCA, EINECS, AICS, lists.

**Component NJTSRN 56705700001-5747:** This Component is listed on the Canada DSL, TSCA, EINECS, AICS, TCCL, PICCS lists.

**Component Tributyl phosphate CAS# 126-73-8:** This Component is listed on the Canada DSL, TSCA, EINECS, AICS, TCCL, PICCS lists.

**Component Barium Sulfate CAS# 7727-43-7:** This Component is listed on the Canada DSL, TSCA, EINECS, AICS,

**Component isopropanol CAS# 67-63-0:** This component is on the TSCA and Canada DSL lists.

**Component NJTSRN 56705700001-5578P:** This Component is listed on the Canada DSL, TSCA, EINECS, AICS, TCCL, PICCS lists.

**Component NJTSRN 56705700001-5572P:** This Component is listed on the Canada DSL, TSCA, EINECS, AICS, TCCL, PICCS lists.

**Component NJTSRN 56705700001-5653P:** This Component is listed on the Canada DSL, TSCA, EINECS, AICS, TCCL, PICCS lists.

**Component NJTSRN 56705700001-5071P:** This Component is listed on the Canada DSL, TSCA, lists.

**Component NJTSRN 56705700001-5704P:** This Component is listed on the Canada DSL, TSCA, lists.

**Component NJTSRN 56705700001-5756P:** This Component is listed on the Canada DSL, TSCA, EINECS, AICS, TCCL, PICCS lists.

**Component Chlorite CAS# 71949-90-1:** This Component is listed on the Canada DSL, TSCA, EINECS, AICS, TCCL, PICCS lists.

**Component NJTSRN 56705700001-6031P:** This Component is listed on the Canada DSL, TSCA, lists.

**Component NJTSRN 56705700001-6861P:** This Component is listed on the Canada DSL, TSCA, EINECS, AICS, TCCL, PICCS lists.

**Component NJTSRN 56705700001-6584P:** This Component is listed on the Canada DSL, TSCA, EINECS, AICS, TCCL, PICCS lists.

**Component Kaolin CAS# 1332-58-7:** This Component is listed on the Canada DSL, TSCA, EINECS, AICS, TCCL, PICCS lists.

**Component Yellow Pigment:** Not Hazardous as defined by OSHA HC Standard 29 CFR 1810.1200.

**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 Iron oxide (C.I. pigment black11) CAS# 1317-61-9:** Component is on the TSCA and Canada DSL lists. State Right-To-Know Information: The following chemicals are specifically listed by individual states; Potential exposure to the California Proposition 65



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chemicals in this product have been determined to be below the No Significant Risk Level (NSRL). The concentrations reported below in units of parts per million (ppm) or parts per billion (ppb) are maximum values. Massachusetts, New Jersey or Pennsylvania Right to Know Substance Lists: Components Pigment Black 11 CAS# 1317-61-9; 1 - 5% Amorphous Silica CAS# 7631-86-9 (1-5%). MA Right to Know Extraordinarily Hazardous Substance List: Arsenic CAS# 7440-38-2 (50ppm); Chromium CAS# 7440-47-3 (800ppm); Nickel CAS# 7440-02-0 (300ppm).

**Component CAS# 7631-86-9:** Is not classified as dangerous. National Chemical Inventory listings include – AICS, DSL, IECSC, EINECS, ENCS, KECI, NZLOC, PICCS, TSCA,

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## SECTION 16: OTHER INFORMATION

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**DISCLAIMER:** The information Contained herein is based on the data available and is believed to be accurate, However, the manufacturer makes no warranty expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. Accordingly, we assume no responsibility for injury from the use of this product.

**N/A = Not Available**

See Section 1 for date of preparation