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## SAFETY DATA SHEET

**Product Code:** MC441N  
**Product Trade Name:** Armaglaze W/B 6000 Clear Matte – Part A  
**Product Class / Intended End Use:** Architectural Coating  
**Emergency Telephone Numbers:** For emergency health, safety and environmental information call 416-252-5676 (Monday to Friday 9am-4pm est/edt)

**For Emergency Transportation Information call CANUTEC at 1-888-CAN-UTEC (226-8832) or 613-996-6666 or \*666 from cell phone.**

### SECTION 2: HAZARDS IDENTIFICATION

**Classification:**

|   | Category       |
|---|----------------|
| Sensitization - Skin  | 1A             |
| Hazardous to the Aquatic Environment Short Term (Acute) Hazard    | 2              |
| Hazardous to the Aquatic Environment – Long Term (Chronic) Hazard | 2              |
| <b>Signal word:</b>   | <b>Warning</b> |

**Hazard Pictograms:**



**Hazard Statement(s):**

- May cause an allergic skin reaction
- Very toxic to aquatic life
- Toxic to aquatic life with long lasting effects

**Precautionary Statement(s) Prevention:**

- Avoid breathing dust/fume/gas/mist/vapour/spray
- Contaminated work clothing should not be allowed out of the workplace
- Wear protective gloves
- Avoid release into the environment

**Precautionary Statement(s) Response:**

- **IF ON SKIN:** Wash with plenty of soap and water. Continue rinsing.
- **IF SKIN IRRITATION OR RASH OCCURS:** Get medical advice/attention
- Take off contaminated clothing and wash it before reuse
- Collect spillage

**Precautionary Statement(s) Storage:**

**Precautionary Statement(S) Disposal:**

- Dispose of contents/container in accordance with federal rules, laws and regulations

**Hazards not Otherwise Classified:**

No specific dangers known, if the regulations/notes for storage and handling are considered.

# PROTEK PAINT – SAFETY DATA SHEET

## SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

| NAME  | CAS         | EINECS    | WT % |
|---|-------------|-----------|------|
| Poly(oxy-1,2-ethanediyl), .alpha.-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-.omega.-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropoxy]- | 104810-47-1 | 400-830-7 | 1.12 |
| <i>N/A = Not Available N/E = Not Established</i>  |             |           |      |

## SECTION 4: FIRST-AID MEASURES

- Skin Contact:** Immediately flush skin with plenty of soap and water for at least 15 minutes. Remove contaminated clothing. Wash clothing before reuse. If irritation develops and persists, get medical attention.
- Eye Contact:** Immediately flush eyes with plenty of water for at least 15 to 20 minutes.
- Inhalation:** Immediately remove person to fresh air. If breathing has stopped, give artificial respiration.
- Ingestion:** Do not ingest. Rinse mouth immediately and then drink plenty of water, seek medical attention.

***Call a poison centre or doctor/physician if you feel unwell.***

### Most Important Symptoms and Effects (both acute and delayed):

- No data available.

### Indication of any Immediate Medical Attention and Special Treatment Needed:

- Treat symptomatically.

## SECTION 5: FIRE-FIGHTING MEASURES

- Suitable Extinguishing Media:** Extinguish with carbon dioxide, dry chemical, foam or water spray.
- Unsuitable Extinguishing Media:** Do not use solid water stream as it may scatter and spread fire.
- Specific Hazards Arising from the Substance or Mixture:** Harmful vapours. Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.
- Special Protective Equipment and Precautions for Fire Fighters:** Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode.
- The degree of risk is governed by the burning substance and the fire conditions. Contaminated extinguishing water must be disposed of in accordance with official regulations.

## PROTEK PAINT – SAFETY DATA SHEET

### SECTION 6: ACCIDENTAL RELEASE MEASURES

|   |  |
|---|--|
| <b>Personal Precautions, Protective Equipment and Emergency Procedures:</b> | Ensure adequate ventilation. Use personal protective equipment as required. Avoid contact with skin and eyes.  |
| <b>Environmental Precautions:</b>   | Ensure spilled product does not enter drains, sewers, waterways, or confined spaces. If necessary, dike well ahead of the spill to prevent runoff into drains, sewers, or any natural waterway or drinking supply. |
| <b>Methods and Materials for Containment and Clean Up:</b>                  | For large amounts: Pump off product.<br><br>For residues: Pick up with suitable absorbent material. Dispose of absorbed material in accordance with regulations.   |

### SECTION 7: HANDLING AND STORAGE

|                                       |  |
|---------------------------------------|--|
| <b>Precautions for Safe Handling:</b> | No special measures necessary provided product is used correctly.  |
| <b>Conditions for Safe Storage:</b>   | Store cool and dry, under well-ventilated conditions. Keep away from heat, sparks and open flames. Keep container tightly closed and dry, store in a cool place. |
| <b>Incompatibles:</b>                 | No data available.   |

### SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

| Name  | ACGIH TLV (ppm) |      | OSHA PEL (ppm) |      |
|---|-----------------|------|----------------|------|
|   | TWA             | STEL | PEL            | STEL |
| Poly(oxy-1,2-ethanediyl), .alpha.-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-.omega.-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropoxy]- | N/E             | N/E  | N/E            | N/E  |
| <b><i>N/A = Not Available N/E = Not Established</i></b>   |                 |      |                |      |

|  |  |
|--|--|
| <b>Appropriate Engineering Controls:</b>                   | Supply safety shower and eyewash station near handling area. Use local exhaust if general ventilation is inadequate.   |
| <b>Personal Protective Equipment Skin/Body Protection:</b> | Wear suitable chemical resistant protective gloves for frequent or prolonged operations tested with an acceptable permeation test. Contaminated gloves should be carefully rinsed with water before reuse. Breakthrough time of the glove material: refer to the information provided by the gloves' producer.               |
| <b>Eye/Face Protection:</b>                                | Safety glasses with side-shields are recommended.  |
| <b>Respiratory Protection:</b>                             | Wear an approved respirator (e.g., an organic vapor respirator, a full face air purifying respirator for organic vapors, or a self-contained breathing apparatus) whenever exposure to aerosol, mist, spray, fume or vapor exceed the applicable exposure limit(s) of any chemical substance listed in this SDS.             |
| <b>General Hygiene Considerations:</b>                     | General hygiene measures for the handling of chemicals are applicable. Keep good industrial hygiene. Avoid contact with skin and eyes. Wash hands before breaks and after work. Keep work clothes separately. Do not eat, drink or smoke at the work place. IF exposed: Flush with fresh water if contact with skin or eyes. |

# PROTEK PAINT – SAFETY DATA SHEET

## SECTION 9: PHYSICAL PROPERTIES

|   |                    |
|---|--------------------|
| <b>Autoignition Temperature:</b>                  | Data not Available |
| <b>Boiling Point:</b>                             | >100 °C / >212 °F  |
| <b>Colour:</b>                                    | Translucent        |
| <b>Decomposition Temperature:</b>                 | Data not Available |
| <b>Explosion Limit:</b>                           | Data not Available |
| <b>Flammability (solid, gas):</b>                 | Non Flammable      |
| <b>Flash Point (Setaflash Closed Cup):</b>        | Not Applicable     |
| <b>Melting Point/Freezing Point:</b>              | <0 °C / <32 °F     |
| <b>Odour Threshold:</b>                           | Data not Available |
| <b>Odour:</b>                                     | Slight Sweet       |
| <b>Partition Coefficient:</b>                     | Data not Available |
| <b>pH:</b>  | 8.0 – 9.0          |
| <b>Physical State:</b>                            | Liquid             |
| <b>Relative Evaporation Rate (Butylacetate=1)</b> | Data not Available |
| <b>Solubility in Water:</b>                       | Miscible.          |
| <b>Specific Gravity:</b>                          | 1.07               |
| <b>Vapour Density:</b>                            | Not Applicable     |
| <b>Vapour Pressure:</b>                           | Not Applicable     |
| <b>Viscosity:</b>                                 | Fluid              |
| <b>% Volatiles by Weight:</b>                     | 64.45              |

## SECTION 10: STABILITY AND REACTIVITY

|  |  |
|--|--|
| <b>Reactivity:</b>                         | Exothermic reactions including polymerization may occur in contact with amines.    |
| <b>Chemical Stability:</b>                 | Stable under recommended storage conditions.                                       |
| <b>Possibility of Hazardous Reactions:</b> | Hazardous polymerization does not occur.   |
| <b>Conditions to Avoid:</b>                | Take precautionary measures against static discharge.                              |
| <b>Incompatibles:</b>                      | Strong acids; Strong bases; Strong oxidizing agents.                               |
| <b>Hazardous Decomposition Products:</b>   | No hazardous decomposition products if stored and handled as prescribed/indicated. |

# PROTEK PAINT – SAFETY DATA SHEET

## SECTION 11: TOXICOLOGICAL INFORMATION

| Acute Toxicity:   | LD 50          |            |                | LC 50 |      |                |
|---|----------------|------------|----------------|-------|------|----------------|
|   | Name           | mg/kg      | Animal         | Route | Mg/L | Animal         |
| Poly(oxy-1,2-ethanediyl), .alpha.-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-.omega.-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropoxy]- | >5000<br>>2000 | Rat<br>Rat | Oral<br>Dermal | >5.8  | Rat  | Inhalation, 4h |
| <i>N/A = Not Available N/E = Not Established</i>  |                |            |                |       |      |                |

**Likely Routes of Exposure:** Skin contact

**Symptoms/Injuries after Inhalation:** No symptoms noted.

**Symptoms/Injuries after Skin Contact:** Not irritating to the skin. May cause skin sensitization.

**Symptoms/Injuries after Eye Contact:** Not irritating to the eyes.

**Symptoms/Injuries after Ingestion:** No symptoms noted.

**Potential Chronic Health Effects:** No data available.

**Specific Target Organ Systemic Toxicity (Repeated Exposure):** May cause damage to the liver after repeated ingestion.

**Medical Conditions Aggravated by Overexposure:** No relevant data available.

## SECTION 12: ECOLOGICAL INFORMATION

|                                       |  |
|---------------------------------------|--|
| <b>Ecotoxicity:</b>                   | Toxic to aquatic life with long lasting effects. |
| <b>VOC (g/L):</b>                     | 16   |
| <b>Persistence and Degradability:</b> | No data available on the product itself.         |
| <b>Bio-accumulative Potential:</b>    | No test data                                     |
| <b>Mobility in Soil:</b>              | No data available on the product itself.         |
| <b>Other Adverse Effects:</b>         | None known                                       |

## SECTION 13: DISPOSAL CONSIDERATIONS

**Handling for Disposal:** Handle waste according to recommendations in Section 7. Empty containers retain residue (liquid and/or vapour) and can be dangerous.

**Methods of Disposal:** Dispose in accordance with all applicable federal, state, provincial and local regulations.

**RCRA:** If this product, as supplied, becomes a waste in the United States, it may meet the criteria of a hazardous waste as defined under RCRA, Title CFR 261. It is the responsibility of the waste generator to determine the proper waste identification and disposal method. For disposal of unused or waste material, check with local, state and federal environmental agencies.

***DO NOT INCINERATE CLOSED CONTAINERS.***

# PROTEK PAINT – SAFETY DATA SHEET

## SECTION 14: TRANSPORTATION INFORMATION

|                                      |  |
|--------------------------------------|--|
| <b>UN Number:</b>                    | UN1263   |
| <b>UN Proper Shipping Name:</b>      | Paint  |
| <b>Transport Hazard Class:</b>       | 3  |
| <b>Packing Group:</b>                | III  |
| <b>Environmental Hazards:</b>        | Toxic to aquatic life with long lasting effects. |
| <b>Special Precautions for User:</b> | Do not allow product to enter waterways.         |
| <b>Transport in Bulk:</b>            | Information not available.                       |

## SECTION 15: REGULATORY INFORMATION

**Canada:** All components are in compliance with the Canadian environmental protection act and are present on the domestic substances list. This product has been classified in accordance with the hazard criteria of the CPR and the SDS contains all the information required by the CPR.

**USA:**  
**TSCA:** All components of this material are on the US TSCA inventory or are exempt.  
**OSHA:** This material is classified as hazardous under OSHA regulation (29CFR 1910.1200).  
**CERCLA:** Reportable quantities (RQ) (40 CFR 117.302). Data not Available.  
**SARA TITLE 111:** Sec 302, extremely hazardous substances, 40 CFR 355 - Data not available  
**SARA TITLE 111:** Sec 313, toxic chemical notification, 40 CFR 372 - Data not Available

## SECTION 16: OTHER INFORMATION

|              |          |                |               |
|--------------|----------|----------------|---------------|
| <b>HMIS:</b> | Health 1 | Flammability 0 | Reactive 0    |
| <b>NFPA:</b> | Health 1 | Flammability 0 | Instability 0 |

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**Revision Date: July 30, 2018**

### DISCLAIMER

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**END OF SAFETY DATA SHEET**