

**SAFETY DATA SHEET**  
**Protectosil® ANTIGRAFFITI**



|               |               |               |                   |
|---------------|---------------|---------------|-------------------|
| Material no.  |               | Version       | <b>6.2 / US</b>   |
| Specification | <b>116768</b> | Revision date | <b>05/01/2015</b> |
| Order Number  |               | Print Date    | <b>09/16/2015</b> |
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**1. Identification**

**1.1. Product identifier**

Trade name                      Protectosil® ANTIGRAFFITI  
Chemical Name                      PROTECTOSIL® antigraffiti

**1.2. Recommended use of the chemical and restrictions on use**

Relevant applications identified      For industrial use

**1.3. Details of the supplier of the safety data sheet**

Company                      Evonik Corporation USA  
   299 Jefferson Road  
   Parsippany, NJ 07054-0677  
   USA  
  
Telephone                      973-929-8000  
  
Telefax                      973-929-8040  
  
Email address                      Product-Regulatory-Services@Evonik.com

**1.4. 24 HOUR EMERGENCY TELEPHONE NUMBERS:**

**CHEMTREC - US & CANADA:**      800-424-9300  
  
**CHEMTREC MEXICO:**      01-800-681-9531  
  
**CHEMTREC INTERNATIONAL:**      +1 703-527-3887 (collect calls accepted)  
  
Product Regulatory Services      :      973-929-8060

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**2. Hazards identification**

**2.1. Classification of the substance or mixture**

Classification according to Regulation 29CFR 1910.1200  
Remarks                      Not a hazardous substance or mixture.

**2.2. Label elements**

Statutory basis                      Classification according to Regulation 29CFR 1910.1200  
Remarks                      Not a hazardous substance or mixture.

**2.3. Other hazards**

None known.

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**3. Composition/information on ingredients**

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**Chemical nature**

Preparation on the base:  
Organofunctional silane system  
and  
water

|  |            |
|--|------------|
| <b>• Ethanol</b> >= 1% - < 5%                    |            |
| CAS-No.  | 64-17-5    |
| Flammable liquids                                | Category 2 |
| <b>• Methanol</b> >= 0.1% - < 1%                 |            |
| CAS-No.  | 67-56-1    |
| Flammable liquids                                | Category 2 |
| Acute toxicity (Oral)                            | Category 3 |
| Acute toxicity (Inhalation)                      | Category 3 |
| Acute toxicity (Dermal)                          | Category 3 |
| Specific target organ toxicity - single exposure | Category 1 |

**Other information**

This product contains a component that is subject to a TSCA Significant New Use Rule (SNUR). The limitations on the use of this product are that the product may only be used in anti-graffiti systems and the product may not be used in a way that creates a mist, aerosol, or other respirable form of the product. The product may not be sprayed and should be applied to surfaces via brush or roller. If a product containing the regulated component is distributed further it is required that the distributor ensure that these limitations are communicated to downstream users.

**4. First aid measures****4.1. Description of first aid measures****Inhalation**

If aerosol or mists are inhaled, take affected persons out into the fresh air. In case of persistent discomfort or other symptoms, consult a physician immediately.

**Skin contact**

Immediately wash skin with soap and plenty of water. Remove contaminated clothing. Obtain medical attention immediately if symptoms occur. Wash clothing before reuse.

**Eye contact**

In case of contact, immediately flush eyes with plenty of water. Obtain medical attention if irritation develops.

**Ingestion**

If accidentally swallowed, rinse mouth thoroughly with water and afterwards, drink plenty of water. In case of discomfort, obtain medical attention.

**4.2. Most important symptoms and effects, both acute and delayed****Symptoms**

None known

**4.3. Indication of any immediate medical attention and special treatment needed**

After absorbing large amounts of substance:

administration of activated charcoal.

Acceleration of gastrointestinal passage

**5. Fire-fighting measures**

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**5.1. Extinguishing media**

Suitable extinguishing media: Use water spray or fog, foam, dry chemical or CO<sub>2</sub>.

Unsuitable extinguishing media: None known.

**5.2. Special hazards arising from the substance or mixture**

Standard procedure for chemical fires.

**5.3. Advice for firefighters**

Water used to extinguish fire should not enter drainage systems, soil or stretches of water.

Ensure there are sufficient retaining facilities for water used to extinguish fire.

Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Containers can build up pressure if exposed to heat (fire). Cool with water spray. As in any fire, wear self-contained, pressure-demand breathing apparatus (MSHA-NIOSH approved or equivalent) and full protective gear.

As in any fire, wear self-contained positive-pressure breathing apparatus, (MSHA/NIOSH approved or equivalent) and full protective gear.

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**6. Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment.

**6.2. Environmental precautions**

Obey relevant local, state, provincial and federal laws and regulations. Do not contaminate any lakes, streams, ponds, groundwater or soil.

**6.3. Methods and material for containment and cleaning up**

Ventilate area. Absorb spill with inert material and place in a chemical waste container.

**Additional advice**

Remove sources of ignition and ventilate area.

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**7. Handling and storage****7.1. Precautions for safe handling**

Avoid contact with eyes, skin and clothing. Use with adequate ventilation. Avoid breathing vapor or mist. Follow all MSDS/label precautions even after container is emptied because it may retain product residues. Wash thoroughly after handling.

**7.2. Conditions for safe storage, including any incompatibilities****Advice on protection against fire and explosion**

Take precautionary measures against static charges, keep away from sources of ignition.

**Storage**

Keep containers tightly closed in a cool, well-ventilated place.

**Further information**

Keep tightly sealed in original packing.

Protect from frost.

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**8. Exposure controls/personal protection**

**8.1. Control parameters**

| • Methanol         |                                    |  |
|--------------------|------------------------------------|--|
| CAS-No.            | 67-56-1                            |  |
| Control parameters | 200 ppm                            | Time Weighted Average (TWA):(ACGIH)                                      |
| Control parameters | 250 ppm                            | Short Term Exposure Limit (STEL):(ACGIH)                                 |
| Control parameters |                                    | Skin designation:(ACGIH)   |
|                    | Can be absorbed through the skin.  |  |
| Control parameters | 200 ppm<br>260 mg/m <sup>3</sup>   | Permissible exposure limit:(OSHA Z1)                                     |
| Control parameters | 200 ppm<br>260 mg/m <sup>3</sup>   | Time Weighted Average (TWA) Permissible Exposure Limit (PEL):(US CA OEL) |
| Control parameters | 1000 ppm                           | Ceiling Limit Value:(US CA OEL)  |
| Control parameters | 250 ppm<br>325 mg/m <sup>3</sup>   | Short Term Exposure Limit (STEL):(US CA OEL)                             |
| Control parameters |                                    | Skin designation:(US CA OEL)   |
|                    | Can be absorbed through the skin.  |  |
| Control parameters | 200 ppm<br>260 mg/m <sup>3</sup>   | Time Weighted Average (TWA):(TN OEL)                                     |
| Control parameters | 250 ppm<br>325 mg/m <sup>3</sup>   | Short Term Exposure Limit (STEL):(TN OEL)                                |
| Control parameters |                                    | Skin designation:(TN OEL)  |
|                    | Can be absorbed through the skin.  |  |
| • Ethanol          |                                    |  |
| CAS-No.            | 64-17-5                            |  |
| Control parameters | 1000 ppm<br>1900 mg/m <sup>3</sup> | Permissible exposure limit:(OSHA Z1)                                     |
| Control parameters | 1000 ppm<br>1900 mg/m <sup>3</sup> | Time Weighted Average (TWA) Permissible Exposure Limit (PEL):(US CA OEL) |
| Control parameters | 1000 ppm                           | Short Term Exposure Limit (STEL):(ACGIH)                                 |
| Control parameters | 1000 ppm<br>1900 mg/m <sup>3</sup> | Time Weighted Average (TWA):(TN OEL)                                     |

**8.2. Exposure controls**

**Engineering measures**

Provide for good ventilation if vapors/aerosols are formed.

**Personal protective equipment**

**Respiratory protection**

A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 or applicable federal/provincial requirements must be followed whenever workplace conditions warrant respirator use. NIOSH's "Respirator Decision Logic" may be useful in determining the suitability of various types of respirators.

**Hand protection**

|                    |   |
|--------------------|---|
| Glove material     | for example, butyl-rubber               |
| Material thickness | 0.5 mm                                  |
| Break through time | >= 480 min                              |
| Glove material     | for example, Fluorinated rubber (Viton) |
| Material thickness | 0.4 mm                                  |

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Break through time  $\geq$  480 min

The above mentioned hand protection is based on knowledge of the chemistry and anticipated uses of this product but it may not be appropriate for all workplaces. A hazard assessment should be conducted prior to use to ensure suitability of gloves for specific work environments and processes prior to use.

Selection of protective gloves to meet the requirements of specific workplaces.

Suitability for specific workplaces should be clarified with protective glove manufacturers.

Use impermeable gloves.

**Eye protection**

Use chemical splash goggles or face shield.

**Skin and body protection**

A safety shower and eye wash fountain should be readily available.

To identify additional Personal Protective Equipment (PPE) requirements, it is recommended that a hazard assessment in accordance with the OSHA PPE Standard (29CFR1910.132) be conducted before using this product.

**Hygiene measures**

Avoid contact with skin, eyes and clothing. Do not inhale vapors or aerosols. Do not eat, drink, or smoke when using the product. Remove contaminated or saturated clothing.

**9. Physical and chemical properties****9.1. Information on basic physical and chemical properties**

|                           |   |
|---------------------------|---|
| physical state            | liquid  |
| Colour                    | yellowish<br>orange<br>slightly turbid                          |
| Form                      | liquid  |
| Odour                     | almost odorless   |
| Odour Threshold           | not determined  |
| pH                        | ca. 4 (1000 g/l) (20 °C)  |
| Melting point/range       | -1 °C<br>Method: ISO 3841                                       |
| Boiling point/range       | 97 °C (1013 hPa)<br>Method: ASTM D-1120                         |
| Flash point               | > 95 °C<br>Method: DIN EN ISO 2719 (Pensky-Martens, Closed Cup) |
| Evaporation rate          | not determined  |
| Flammability (solid, gas) | no data available   |
| Lower explosion limit     | not determined  |
| Upper explosion limit     | not determined  |
| Vapour pressure           | 23.4 hPa (20 °C)<br>Water                                       |
| Relative vapour density   | no data available   |

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Density ca. 1.06 g/cm<sup>3</sup> (20 °C)  
Method: DIN 51757

Water solubility miscible

Partition coefficient: n-octanol/water not determined  
Autoignition temperature Not determined.

Thermal decomposition not determined

Viscosity, dynamic ca. 1.6 mPa.s (20 °C)

**9.2. Other information**

Explosiveness no data available

Surface tension 30.4 mN/m (20 °C)  
Method: OECD 115

% VOC (gm/l) 0

Other information Vapors can form explosive mixtures with air.

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**10. Stability and reactivity****10.1. Reactivity**

No dangerous reaction known under conditions of normal use.

**10.2. Chemical stability**

Stable under recommended storage conditions.

**10.3. Possibility of hazardous reactions**

Possibility of hazardous reactions No dangerous reactions known.

**10.4. Conditions to avoid****10.5. Incompatible materials**

None known

**10.6. Hazardous decomposition products**

None known

Stable under normal conditions.  
Product will not undergo hazardous polymerization.

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**11. Toxicological information****11.1. Information on toxicological effects**

Acute oral toxicity LD50 Rat: > 2000 mg/kg  
Method: OECD 423  
Assessment: The substance or mixture has no acute oral toxicity

Acute inhalation toxicity LC50 Rat: > 5.5 mg/l / 4 h / dust/mist

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|                                    |                                      |  |
|------------------------------------|--------------------------------------|--|
|                                    | Method:                              | OECD Test Guideline 403  |
|                                    | Assessment:                          | The substance or mixture has no acute inhalation toxicity  |
| Acute dermal toxicity              |                                      | No data available  |
| Skin irritation                    | Rabbit                               | No skin irritation   |
|                                    | Method:                              | OECD Test Guideline 404  |
| Eye irritation                     | Rabbit                               | No eye irritation  |
|                                    | Method:                              | OECD Test Guideline 405  |
| Sensitization                      | (Magnusson-Kligman test) Guinea pig: | Does not cause skin sensitisation.   |
|                                    | Method:                              | OECD Test Guideline 406  |
| Repeated dose toxicity             | inhalative Rat                       |  |
|                                    | Testing period:                      | 90 d   |
|                                    |                                      | No toxicological effects relevant to classification  |
| Assessment of STOT single exposure | Assessment:                          | The substance or mixture is not classified as specific target organ toxicant, single exposure.   |
| Assessment of STOT repeat exposure | Assessment:                          | The substance or mixture is not classified as specific target organ toxicant, repeated exposure. |
| Risk of aspiration toxicity        |                                      | No evidence of aspiration toxicity   |
| Genotoxicity in vitro              | Ames test Salmonella typhimurium     | no evidence of mutagenic effects   |
|                                    | Method:                              | OECD TG 471  |
| Carcinogenicity                    |                                      | No evidence that cancer may be caused.   |
| Toxicity to reproduction           |                                      | No data available  |

**Toxicological information on components**

**Methanol**

|                           |   |
|---------------------------|---|
| Acute oral toxicity       | LD50 Rat: 2963 mg/kg<br>(literature value)                            |
|                           | Acute toxicity estimate : 100 mg/kg<br>Method: Expert judgement       |
| Acute inhalation toxicity | Acute toxicity estimate : 3 mg/l / vapour<br>Method: Expert judgement |
| Acute dermal toxicity     | Acute toxicity estimate : 300 mg/kg<br>Method: Expert judgement       |
| Skin irritation           | Rabbit<br>No skin irritation  |

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|                                    |   |
|------------------------------------|---|
| Eye irritation                     | Rabbit<br>No eye irritation<br>Method: OECD Test Guideline 405  |
| Sensitization                      | Maximization test Guinea pig: Does not cause skin sensitisation.<br>Method: OECD Test Guideline 406   |
| Repeated dose toxicity             | Oral Monkey<br>LOAEL: 2340 mg/kg  |
| Assessment of STOT single exposure | Assessment: Causes damage to organs.  |
| Assessment of STOT repeat exposure | no evidence for hazardous properties  |
| Risk of aspiration toxicity        | No evidence of aspiration toxicity  |
| Gentoxicity in vitro               | Ames test Salmonella typhimurium<br>negative<br>Method: OECD Test Guideline 471   |
| Gentoxicity in vivo                | chromosomal aberration Mouse intraperitoneal (i.p.)<br>negative<br>Method: OECD Test Guideline 474  |
| teratogenicity assessment          | Potential embryo-foetal toxicity and teratogenicity.<br><br>Potential embryo-foetal toxicity and teratogenicity.  |
| Human experience                   | Liver and kidney injuries may occur.  |
| Further information                | Material contains methanol. Harmful if inhaled or absorbed through skin; causes damage to liver, kidney and nervous system. Causes eye, skin, nose and throat irritation. May be fatal or cause blindness if swallowed. Cannot be made non-poisonous. |

**Ethanol**

|                           |   |
|---------------------------|---|
| Acute oral toxicity       | LD50 Rat: 7060 mg/kg<br>RTECS<br><br>LD50 Rat: 10470 mg/kg<br>Method: OECD Test Guideline 401<br>literature |
| Acute inhalation toxicity | LC50 Rabbit: 117 - 125 mg/l / 4 h / vapour<br>Method: OECD Test Guideline 403<br>literature                 |
| Acute dermal toxicity     | LD50 Rabbit: > 20000 mg/kg<br>literature  |
| Skin irritation           | Rabbit<br>not irritating<br>Method: OECD Test Guideline 404<br>literature                                   |



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|                                    |   |
|------------------------------------|---|
| Eye irritation                     | Rabbit<br>not irritating<br>Method: OECD Test Guideline 405<br>literature   |
| Sensitization                      | Local Lymphnode Assay Mouse: No sensitizing effects.<br>Method: OECD TG 429<br>literature   |
| Assessment of STOT single exposure | no evidence for hazardous properties  |
| Assessment of STOT repeat exposure | no evidence for hazardous properties  |
| Risk of aspiration toxicity        | No evidence of aspiration toxicity  |
| Gentoxicity in vitro               | Ames test Salmonella typhimurium<br>negative<br>Method: OECD TG 471<br>literature<br><br>gene mutation TK +/- mouse lymphoma cell (L5178Y)<br>negative<br>Method: OECD TG 476<br>literature |
| Mutagenicity assessment            | This product contains an ingredient that has been shown to produce mutagenic effects in in vivo testing.  |

## 12. Ecological information

### 12.1. Toxicity

Toxicity to fish LC50 Brachydanio rerio: > 1000 mg/l / 96 h  
Method: OECD TG 203

LC0 Brachydanio rerio: >= 1000 mg/l / 96 h  
Method: OECD TG 203

### 12.2. Persistence and degradability

Biodegradability Exposure time: 28 d  
Result: 62 % Readily biodegradable.  
Method: (CO<sub>2</sub>; modif. Sturm test / OECD 301 B)

### 12.3. Bioaccumulative potential

Bioaccumulation low

### 12.4. Mobility in soil

Mobility Adsorption on the floor: low.

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**12.5. Other adverse effects**

Further Information

The data we have at our disposal do not necessitate identification concerning environmental hazard.

**13. Disposal considerations****13.1. Waste treatment methods****Product**

Waste must be disposed of in accordance with federal, provincial, state and local regulations. Empty containers must be handled with care due to product residue. DO NOT HEAT OR CUT THE EMPTY CONTAINER WITH AN ELECTRIC OR GAS TORCH.

**Uncleaned packaging**

Packaging, that can not be reused after cleaning must be disposed or recycled in accordance with all federal, national and local regulations.

Incorrect disposal or reuse of this container is illegal and can be dangerous.

Other countries: observe the national regulations.

**14. Transport information**

**Not dangerous according to transport regulations.**

- 14.1. UN number: --
- 14.2. UN proper shipping name: --
- 14.3. Transport hazard class(es): --
- 14.4. Packing group: --
- 14.5. Environmental hazards (Marine pollutant): --
- 14.6. Special precautions for user: Yes  
Not dangerous according to transport regulations.

**15. Regulatory information****US Federal Regulations****OSHA**

If listed below, chemical specific standards apply to the product or components:

- None listed

**Clean Air Act Section (112)**

If listed below, components present at or above the de minimus level are hazardous air pollutants:

- Methanol  
CAS-No. 67-56-1

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**CERCLA Reportable Quantities**

If listed below, a reportable quantity (RQ) applies to the product based on the percent of the named component:

- None listed

**SARA Title III Section 311/312 Hazard Categories**

The product meets the criteria only for the listed hazard classes:

- Chronic Health Hazard

**SARA Title III Section 313 Reportable Substances**

If listed below, components are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

- None listed

**Toxic Substances Control Act (TSCA)**

If listed below, non-proprietary substances are subject to export notification under Section 12 (b) of TSCA:

- None listed

**Other US Federal Regulatory Information**

This product contains a component that is subject to a TSCA Significant New Use Rule (SNUR). The limitations on the use of this product are that the product may only be used in anti-graffiti systems and the product may not be used in a way that creates a mist, aerosol, or other respirable form of the product. The product may not be sprayed and should be applied to surfaces via brush or roller. If a product containing the regulated component is distributed further it is required that the distributor ensure that these limitations are communicated to downstream users.

**State Regulations**

The Listing requirements of the Right to Know (RTK) legislation varies by state. All information for NJ, PA, MA and other states can be derived from the listing of hazardous and non-hazardous components in section 2 and 15 of this MSDS.

**California Proposition 65**

A warning under the California Drinking Water Act is required only if listed below:

WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

- Methanol  
CAS-No. 67-56-1

An employer using HMIS/NFPA labeling must through training ensure that its employees are fully aware of the hazards of the chemicals used.

**HMIS Ratings**

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Health : 1  
Flammability : 1  
Physical Hazard : 0

**NFPA Ratings**

Health : 1  
Flammability : 1  
Reactivity : 0

**16. Other information****Further information**

Revision date 05/01/2015

Changes since the last version are highlighted in the margin. This version replaces all previous versions.

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**Legend**

|                |   |
|----------------|---|
| <b>ACC</b>     | American Chemistry Council  |
| <b>ACGIH</b>   | American Conference of Governmental Industrial Hygienists                     |
| <b>ACS</b>     | Advisory Committee on Sustainability  |
| <b>ADI</b>     | Acceptable Daily Intake   |
| <b>ASTM</b>    | American Society for Testing and Materials                                    |
| <b>ATP</b>     | Adaptation to Technical Progress  |
| <b>BCF</b>     | Bioconcentration factor   |
| <b>BOD</b>     | Biochemical oxygen demand   |
| <b>c.c.</b>    | closed cup  |
| <b>CAO</b>     | Cargo Aircraft Only   |
| <b>Carc</b>    | Carcinogen  |
| <b>CAS</b>     | Chemical Abstract Services  |
| <b>CDN</b>     | Canada  |
| <b>CEPA</b>    | Canadian Environmental Protection Act   |
| <b>CERCLA</b>  | Comprehensive Environmental Response – Compensation and Liability Act         |
| <b>CFR</b>     | Code of Federal Regulations   |
| <b>CMR</b>     | carcinogenic-mutagenic-toxic for reproduction                                 |
| <b>COD</b>     | Chemical oxygen demand  |
| <b>DIN</b>     | German Institute for Standardization  |
| <b>DMEL</b>    | Derived minimum effect level  |
| <b>DNEL</b>    | Derived no effect level   |
| <b>DOT</b>     | Department of Transportation  |
| <b>EC50</b>    | half maximal effective concentration  |
| <b>EPA</b>     | Environmental Protection Agency   |
| <b>ErC50</b>   | Reduction of Growth Rate  |
| <b>ERG</b>     | Emergency Response Guide Book   |
| <b>FDA</b>     | Food and Drug Administration  |
| <b>GHS</b>     | Globally Harmonized System of Classification and Labelling of Chemicals (GHS) |
| <b>GLP</b>     | Good Laboratory Practice  |
| <b>GMO</b>     | Genetic Modified Organism   |
| <b>HCS</b>     | Hazard Communication Standard   |
| <b>HMIS</b>    | Hazardous Materials Identification System                                     |
| <b>IARC</b>    | International Agency for Research on Cancer                                   |
| <b>IATA</b>    | International Air Transport Association                                       |
| <b>IBC</b>     | Intermediate Bulk Container   |
| <b>ICAO-TI</b> | International Civil Aviation Organization- Technical Instructions             |
| <b>ICCA</b>    | International Council of Chemical Association                                 |
| <b>ID</b>      | Identification number   |
| <b>IMDG</b>    | International Maritime Dangerous Goods  |
| <b>IUPAC</b>   | International Union of Pure and Applied Chemistry                             |
| <b>ISO</b>     | International Organization For Standardization                                |
| <b>LC50</b>    | 50 % Lethal Concentration   |
| <b>LD50</b>    | 50 % Lethal Dose  |
| <b>L(EC50)</b> | LC50 or EC50  |
| <b>LOAEL</b>   | Low est observed adverse effect level   |
| <b>LOEL</b>    | Low est observed effect level   |
| <b>MARPOL</b>  | International Convention for the Prevention of Pollution from Ships           |
| <b>NFPA</b>    | National Fire Protection Association  |
| <b>NOAEL</b>   | No observed adverse effect level  |
| <b>NOEC</b>    | no observed effect concentration  |
| <b>NOEL</b>    | no observed effect level  |
| <b>o. c.</b>   | open cup  |
| <b>OECD</b>    | Organisation for Economic Cooperation and Development                         |
| <b>OEL</b>     | Occupational Exposure Limit   |
| <b>OSHA</b>    | Occupational Safety and Health Administration                                 |
| <b>PBT</b>     | Persistent, bioaccumulative, toxic  |
| <b>PEC</b>     | Predicted effect concentration  |
| <b>PNEC</b>    | Predicted no effect concentration   |
| <b>RQ</b>      | Reportable Quantity   |
| <b>SDS</b>     | Safety Data Sheet   |
| <b>STOT</b>    | Specific Target Organ Toxicity  |
| <b>UN</b>      | United Nations  |
| <b>vPvB</b>    | very persistent, very bioaccumulative   |

**SAFETY DATA SHEET****Protectosil® ANTIGRAFFITI**

|               |               |               |                   |
|---------------|---------------|---------------|-------------------|
| Material no.  |               | Version       | <b>6.2 / US</b>   |
| Specification | <b>116768</b> | Revision date | <b>05/01/2015</b> |
| Order Number  |               | Print Date    | <b>09/16/2015</b> |
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**voc** volatile organic compounds  
**WHMIS** Workplace Hazardous Materials Information System  
**WHO** World Health Organization