

PROVCTUPEL® 765

Section 1. Product and Company Identification

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| Product Name: | ProvectuPel® 765 |
| Chemical Name/Family: | Silicone emulsion |
| CAS No.: | Proprietary |
| Product Use: | Hydrophobic Water Based Sealer |
| Restrictions: | For Industrial Use Only |
| Company: | Advanced Polymer. |
| Address: | 400 Paterson Plank Road Carlstadt, NJ 07072 U.S.A. |
| Telephone: | 201-933-0600 |
| Fax: | 201-933-8442 |
| 24 Hour Emergency Number | 800-424-9300 |
| 24 Hour Chemtrec Number | 800-424-9300 |

Section 2. Hazards Identification

GHS Classification:

| Hazard Class | Category |
|--|-----------------|
| Skin corrosion/irritation | Category 2 |
| Serious eye damage/eye irritation | Category 1 |
| Acute toxicity, inhalation | Category 4 |
| Sensitisation, skin | Category 1B |
| Hazardous to the aquatic environment, acute toxicity | Category 2 |

GHS Label:**Symbol:****Signal Word: Danger****Hazard Classification:****Hazard Statement:**

Harmful if inhaled
Causes skin irritation
May cause an allergic skin reaction
Causes serious eye damage
Toxic to aquatic life

Precautionary Statement:**Prevention:**

Avoid breathing dust/fume/gas/mist/vapours/spray.

Use only outdoors or in a well-ventilated area.

Wash hands and contaminated skin thoroughly after handling.

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

Contaminated work clothing should not be allowed out of the workplace.

Avoid release to the environment.

Response

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

IF ON SKIN: Wash with plenty of soap and water.

Specific treatment (see supplemental first aid instructions on this SDS).

If skin irritation or rash occurs: Get medical advice/attention.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

Take off contaminated clothing and wash before reuse.

Immediately call a POISON CENTER or doctor/physician.

Wash contaminated clothing before reuse.

Storage

No storage statement required under GHS however refer to Section 7 for current storage conditions.

Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

Other Hazards:

Slipping hazard.

Section 3. Composition/Information on Ingredients

| Ingredients | CAS No. | Percent |
|-------------------|-------------|---------|
| Modified Silicone | Proprietary | 35 - 40 |
| Water | 7732-18-5 | 60 - 65 |

Section 4. First Aid Measures

Skin Contact: Wash hands and contaminated skin thoroughly after handling. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. Contaminated work clothing should not be allowed out of the workplace.

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy

to do. Continue rinsing.

Inhalation: Immediately remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Please note: Symptoms may be delayed; prompt medical attention may be required. Call a physician if you feel unwell.

Ingestion: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Section 5. Firefighting Measures

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| Specific Hazards in Case of Fire: | Product will burn under fire conditions. Hazardous Decomposition Products: formaldehyde, oxides of carbon, silica, nitrogen oxides, toxic and corrosive gas. |
| Fire Extinguishing Media: | Dry chemical, water fog, alcohol resistant foam or carbon dioxide (CO ₂). |
| Unsuitable Extinguishing Media: | Do not use water jet as an extinguisher, as this will spread the fire. |
| Special Protective Equipment and Precaution for Firefighters: | Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing. Use water to keep fire exposed containers cool and disperse vapors. Keep people away. Isolate fire and deny unnecessary entry. |
| Unusual Fire & Explosion Hazards: | This material will not burn until the water has evaporated. Residue can burn. |

Section 6. Accidental Release Measures

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| Personal Precautions: | Wash hands and contaminated skin thoroughly after handling. Avoid contact with eyes. Avoid breathing vapor. Avoid inhalation of vapor or mist. Keep away from sources of ignition- No smoking. Contaminated surfaces may be slippery. |
| Protective Equipment: | Wear protective gloves/protective clothing/eye protection. |
| Environmental Precautions: | Do not allow to enter drains, sewers or waterways. Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Shut off all sources of ignition. |
| Methods and Materials for Containment and Cleaning up: | Contain the spill or leak. Absorb with inert material. Scrape up with rag and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations. |

Section 7. Handling and Storage

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| Handling Conditions: | Use only in well ventilated areas. Avoid contact with eyes. Avoid contact with skin. Do not swallow. Avoid breathing vapor. When using do not eat, drink, or smoke. Wash thoroughly after handling. Spills of these organic materials on hot fibrous insulations may lead to lowering of the autoignition temperatures possibly resulting in spontaneous combustion. ***Agitate contents of container before using*** |
| Storage Conditions: | Keep from freezing. Keep container tightly closed in a dry and well-ventilated place. Store in a cool, dry, place out of direct sunlight. Store away from incompatible materials. Keep away from heat, sparks and flame. Do not lay the container on its side. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Do not puncture or cut this container, and do not weld on or near this container. Store away from oxidizing materials. Keep out of reach of children. |

Section 8. Exposure Control/Personal Protection

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| Exposure Limits: | No information available. |
| Appropriate engineering controls: | Local Exhaust: Recommended Mechanical (general): Adequate ventilation system. Provide sufficient ventilation during operations which cause vapor formation. This product can form formaldehyde vapors when heated to temperatures above 150 degrees C in the presence of air. |
| Personal protective equipment: | |
| Respiratory Protection: | NIOSH approved respirator as needed. |
| Hand Protection: | Protective rubber or plastic gloves should be worn. |
| Eye Protection: | Face shield or protective goggles should be worn . |
| Skin and Body Protection: | Rubber apron with appropriate protective clothing. Skin contact should be minimized through use of gloves and suitable long-sleeved clothing. |
| Other Protective Equipment: | Eye wash equipment and safety shower should be available. |
| Hygiene Measures: | Avoid breathing vapor. Avoid contact with eyes and skin. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of the workday. Routinely wash work clothing and protective equipment to remove contaminants. |

Section 9. Physical and Chemical Properties

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| Physical State: | Liquid |
| Color: | White |
| Odor: | Mild |
| Odor Threshold: | N.A |
| % Non-volatile by Weight: | ~38.0 |
| pH: | 9-11 |
| Specific Gravity (77°F): | 1.01 |
| % Volatile by Weight: | ~62.0 |
| Melting Point: | No information available |
| Freezing Point: | ~0°C (32°F) |
| Boiling point: | ~100°C (212°F) |
| Flash Point: | No information available |
| Evaporation Rate (BuAc=1): | No information available |
| Flammability: | No information available |
| Explosion Limits: | No information available |
| Vapor Pressure (mmHg): | No information available |
| Vapor Density (Air=1): | No information available |
| Solubility: | Soluble in water |
| Partition Coefficient: | No information available |
| Auto-ignition Temperature: | No information available |
| Viscosity: | ~12 cps |
| Decomposition Temperature: | No information available |

Section 10. Stability and Reactivity

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| Chemical Stability: | Stable |
| Hazardous Polymerization: | Will not occur. |
| Conditions to Avoid: | Avoid sparks or combustion sources. Use with adequate ventilation. Store in well-ventilated place at temperatures below 120 degrees F. |
| Incompatible Materials: | Strong oxidizers, strong acids, and strong bases. |
| Hazardous Decomposition Products: | Hazardous Decomposition Products: formaldehyde, oxides of carbon, silica, nitrogen oxides, toxic and corrosive gas. |

Section 11. Toxicological Information

Primary Routes of Entry:

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|------|-----|-------|-----|-------------|-----|------------|-----|
| Eye: | Yes | Skin: | Yes | Inhalation: | Yes | Ingestion: | Yes |
|------|-----|-------|-----|-------------|-----|------------|-----|

Potential Health Effects:

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| Inhalation: | Harmful if inhaled. |
| Ingestion: | Although ingestion is unlikely, liquid may irritate upper digestive tract if swallowed. |
| Skin: | Causes skin irritation. May cause an allergic skin reaction. |
| Eyes: | Causes serious eye damage. |

Signs and Symptoms of Exposures:

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| Acute Toxicity: | No information available. |
| Chronic Toxicity: | Prolonged inhalation may be harmful. |
| Skin corrosion/irritation: | Prolonged contact may cause severe skin irritation with local redness and discomfort. May cause more severe response on covered skin. |
| Serious eye damage/eye irritation: | May cause severe irritation with corneal injury which may result in permanent impairment of vision, even blindness. Chemical burns may occur. |
| Aspiration hazard: | No information available. |
| Skin sensitization: | Positive (Guinea Pig) |
| Respiratory sensitization: | No information available. |
| Specific target organ toxicity, single exposure): | May cause damage to the following organs. Optic nerves. Central nervous system. |
| Specific target organ toxicity, repeated exposure): | No information available. |
| Reproductive toxicity: | No information available. |
| Germ cell Mutagenicity: | No information available. |

Carcinogenicity:

| | | | | | |
|-------|----|------|----|-------|----|
| IARC: | No | NTP: | No | OSHA: | No |
|-------|----|------|----|-------|----|

Section 12. Ecological Information

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|---|---------------------------|
| Ecotoxicity (Aquatic and Terrestrial): | No information available. |
| Bioaccumulative Potential | No information available. |
| Mobility in Soil: | No information available. |

PBT and vPvB Assessment: No information available.

Other Adverse Effects: No information available.

Section 13. Disposal Considerations

Product: Dispose of contents/container in accordance with local/national/international regulations.

Disposing of Contaminated Packaging: Follow applicable Federal, State and Local regulations.

Section 14. Transport Information

Land Transport (DOT): **Not regulated**

UN Number: Not applicable

UN Proper Shipping Name: Not applicable

Transport Hazard Class: Not applicable

Packing Group: Not applicable

Sea Transport (IMDG): **Not regulated**

UN Number: Not applicable

UN Proper Shipping Name: Not applicable

Transport Hazard Class: Not applicable

Packing Group: Not applicable

Air Transport (IATA): **Not regulated**

UN Number: Not applicable

UN Proper Shipping Name: Not applicable

Transport Hazard Class: Not applicable

Packing Group: Not applicable

Environmental Hazards (e.g., Marine pollutant): None

Section 15. Regulatory Information

International Inventories:

TSCA (USA): On or in compliance with the inventory

DSL (Canada): No information available

ENCS (Japan): No information available

REACH (Europe): No information available

IECSC (China): No information available

KECL (Korea): No information available

PICCS (Philippines): No information available

AICS (Australia): No information available

ERMA (New Zealand): No information available

Federal Regulations:

SARA 313: None

SARA 311/312: Acute: Yes

Chronic: No

Fire: No

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|--|---------------------------|----|
| | Reactivity: | No |
| | Sudden Release: | No |
| Clean Water Act: | No information available. | |
| Clean Air Act, Section 112 HAPs (See 40CFR61): | No information available. | |
| State Regulations: | | |
| Massachusetts Right to Know Components: | None | |
| New Jersey Right to Know Components: | None | |
| Pennsylvania Right to Know Components: | None | |
| California Proposition 65: | None | |

Section 16. Other Information

WHMIS Classification:

HMIS Rating:

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|--------------------------------|---|
| Health Hazard | 2 |
| Flammability: | 1 |
| Physical Hazard: | 0 |
| Personal Protection Equipment: | X |

NFPA Rating

| | |
|--------------------|---|
| Health Hazard: | 2 |
| Fire Hazard: | 1 |
| Reactivity Hazard: | 0 |

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