

# MATERIAL SAFETY DATA SHEET

## SECTION I - PRODUCT IDENTIFICATION

|  |            |   |                  |                                 |                 |
|--|------------|---|------------------|---------------------------------|-----------------|
| PRODUCT                                |            | <b>SEAMFIL 901 White and all colors</b> |                  | DATE                            | January 2010    |
| MANUFACTURER                           |            | Kampel Enterprises, Inc.                |                  |                                 |                 |
| ADDRESS                                |            | 8930 Carlisle Road, Box 157             |                  |                                 |                 |
| CITY, STATE                            |            | Wellsville, PA                          |                  |                                 |                 |
| ZIP                                    | 17365-0157 | EMERGENCY TELEPHONE                     |                  | 1-800-457-4280 / 1-352-323-3500 |                 |
| PROPER SHIPPING NAME                   |            | Resin Solution                          | DOT HAZARD CLASS | Flammable Liquid - UN 1866      | CAS NO. Mixture |
| <b>NFPA / HMIS INFORMATION</b>         |            |   |                  |                                 |                 |
| SHIPPING CLASSIFICATION<br>GROUND ONLY | HEALTH     | 2                                       | FLAMMABILITY     | 3                               |                 |
|  | REACTIVITY | 0                                       | PROTECTION       | G                               |                 |
| ORM-D                                  |            |   |                  |                                 |                 |

## SECTION II - HAZARDOUS INGREDIENTS

| CAS NO.   | HAZARDOUS INGREDIENT             | WT. % is less than (Vol.) | OSHA PERMISSIBLE EXPOSURE LLIMIT (PEL) TO,E WEIGHTED AVERAGE (TWA) | ACGIH THRESHOLD LIMIT VALUE (TLV) TIME EIGHTED AVERAGE |
|-----------|----------------------------------|---------------------------|--|--|
| 108-88-3  | Toluene (Methyl Benzene)         | 11                        | 100 ppm  | 100 ppm  |
| 67-64-1   | Acetone (2-Propanone)            | 6                         | 750 ppm  | 750 ppm  |
| 78-93-3   | Methyl Ethyl Ketone (2-Butanone) | 13                        | 200 ppm  | 200 ppm  |
| 108-65-6  | 1-Methoxy 2-Propanol Acetate     | 5                         | N / EST  | N / EST  |
| 115-86-6  | Triphenyl Phosphate              | 6                         | 3 mg / m3  | 3 mg / m3  |
| 7732-18-5 | Water                            | 1                         | N /EST   | N /EST   |

**Materials listed for this product are on the TSCA inventory list.**

## SECTION III - PHYSICAL DATA

|                              |                            |  |                    |                  |                            |
|------------------------------|----------------------------|--|--------------------|------------------|----------------------------|
| APPEARANCE , ODOR            |                            | Very viscous white or colored liquid with an aromatic odor |                    |                  |                            |
| SPECIFIC GRAVITY @ 60° F     | 1.23 (water=1); WPG: 10.26 | VAPOR PRESSURE   | (mm/hg): 180       | FREEZING POINT   | N/ A                       |
| PERCENT VOLATILE (VOC) BY WT | 48 (529 g voc/L)           | VAPOR DENSITY  | > 1 (Air = 1)      | EVAPORATION RATE | Slower than –butyl Acetate |
| AUTO IGNITION TEMPERATURE    | N/A                        | BOILING RANGE @760 mmHg                                    | 131° to 473° F     | MELTING POINT    | N / A                      |
| SOLUBLE IN WATER             | 11.0 % Soluble             | VOCS, lbs./Gal.  | Minus exempt: 3.52 | VOLATILE BY VOL. | 72.1%                      |
| VOLATILE BY WEIGHT           | 54.5%                      |  |                    | VOCS, grams/ltr. | 529 g voc / L              |

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

|                       |   |                                  |   |
|-----------------------|---|----------------------------------|---|
| FLAMMABLE (Y/N)       | Yes   | UNDER WHAT CONDITIONS?           | Oxidizers, sparks & open flame  |
| EXPLOSIVE (Y/N)       | Yes   | UNDER WHAT CONDITIONS?           | Closed containers exposed to extreme heat, or sparks from welding, static, etc. |
| MEANS OF EXTINCTION   | NFPA Class B Extinguisher (Co <sub>2</sub> or Foam) for Class 1 B fires   | HAZARDOUS PRODUCTS OF COMBUSTION | Carbon Monoxide, Carbon Dioxide   |
| FLASHPOINT AND METHOD | 1 ° F   | UPPER FLAMMABLE LIMIT, IN AIR    | 12.8% (Vol)   |
|                       |   | LOWER FLAMMABLE LIMIT, IN AIR    | 1.0% (Vol)  |
| SPECIAL PROCEDURES    | Use bunker gear and breathing apparatus. Eliminate sources of ignition. Using fog nozzles, spray water to protect firefighters, reduce vapor build-up, and cool containers. |                                  |   |

## SECTION V - REACTIVITY DATA

|   |                |                                     |                                   |
|---|----------------|-------------------------------------|-----------------------------------|
| CHEMICAL STABILITY                        | Stable         | UNSTABLE UNDER WHAT CONDITIONS?     | N/A                               |
| INCOMPATIBLE WITH OTHER SUBSTANCES (Y/N?) | Yes            | INCOMPATIBLE WITH WHICH PRODUCTS?   | Strong oxidizers, acids and bases |
| HAZARDOUS POLYMERIZATION                  | Will not occur | HAZARDOUS PRODUCTS OF DECOMPOSITION | None                              |

| SECTION VI - TOXICOLOGICAL DATA     |   |
|-------------------------------------|---|
| -NATURE OF HAZARDS DUE TO EXPOSURE- |   |
| EYES                                | Irritates strongly.   |
| RESPIRATORY                         | Irritates mucous membranes. Prolonged exposure may cause lung damage.   |
| OTHER                               | Acute exposure may cause nervous system depression, producing headache, dizziness, nausea, or loss of consciousness. Prolonged exposure may cause damage to kidneys, lungs, nerves, or liver. |

| SECTION VII - HANDLING PRECAUTIONS |   |
|------------------------------------|---|
| -PROTECTIVE EQUIPMENT-             |   |
| GLOVES                             | Impervious to organic solvents  |
| RESPIRATOR                         | OSHA approved. Charcoal filter as minimum   |
| EYEWEAR                            | Chemical goggles  |
| FOOTWEAR                           | Impervious boots  |
| CLOTHING                           | Chemical apron  |
| FACILITY                           | Explosion proof equipment   |
| CONDITIONS TO AVOID                | Avoid eye contact. Minimum skin contact, breathing of vapors.   |
| -SPILL PROCEDURES-                 |   |
| SMALL SPILL OR LEAK                | Eliminate sources of ignition. Use absorbent material and transfer to DOT container. Contact approved Haz Mat Emergency for disposal.   |
| LARGE SPILL                        | Isolate from oxidizers, heat and sources of ignition (see Protective Equipment). Stop spill, and dike area to prevent spread; pump liquid to salvage tank. Contact local Haz Mat emergency response team. |
| -STORAGE AND DISPOSAL PROCEDURES-  |   |
| TRANSFER METHOD                    | Ground containers and limit freefall distance to prevent static spark. Prevent vapor accumulation; close containers, ventilate area.  |
| TEMPERATURE RANGE                  | 0 ° F to 120 ° F  |
| WAREHOUSING                        | Store in structures made for OSHA Class 1 B liquids.  |
| DISPOSAL                           | Observe Federal, State, and Local regulations. Recycle spent solvent in approved equipment. Contact RCRA approved Hazardous Waste Recycling/Disposal Facility.  |

| SECTION VIII - FIRST AID |   |
|--------------------------|---|
| EYE CONTACT              | Flush with water for 15 minutes. Get medical attention.   |
| SKIN CONTACT             | Wipe excess liquid with towel, wash with soap and water. Use moisturizers before and after exposure.  |
| INHALATION               | Remove to fresh air. Give oxygen if breathing is difficult, artificial respiration if breathing has stopped.  |
| INGESTION                | Call a physician immediately. Do not induce vomiting, as aspiration into lungs may be fatal. Do not give liquids. If vomiting occurs, keep head below hips to prevent aspiration. |

| SECTION IX - ENVIRONMENTAL PROTECTION                                |  |
|--|--|
| -APPLICABLE LAWS AND GOVERNMENT AGENCIES-                            |  |
| TRANSPORTATION REQUIREMENTS  | 49 CFR, Parts 100 through 177  |
| EMPLOYEE PROTECTION REQUIREMENTS                                     | 29 CFR, Parts 1900 through 1926 (OSHA Hazard Communication Standard)   |
| WORKER & COMMUNITY RIGHT TO KNOW, AND EMERGENCY PLANNING             | SARA (Superfund Amendments and Reauthorization Act) Title III  |
| EMERGENCY RELEASE REQUIREMENTS                                       | EPA 40 CFR, Part 117; CERCLA (Federal Superfund), National Response Center, SARA   |
| FEDERAL CLEAN AIR REQUIREMENTS                                       | EPA, Clean Air Act and Amendments of 1990  |
| STATE CLEAN AIR REQUIREMENTS   | PA Air Pollution Control Act, or equivalent  |
| FEDERAL HAZARDOUS CHEMICAL REPORTING REQUIREMENTS                    | CERCLA (Comprehensive Environmental Resource & Conservation Liability Act) for substances above reportable threshold                       |
| STATE HAZARDOUS CHEMICAL REPORTING REQUIREMENTS & EMERGENCY PLANNING | SARA Section 312 Reporting of facility's chemical inventory to State Emergency Response Commission, and Local Emergency Planning Committee |

| -CERCLA / SARA ENVIRONMENTAL REPORTING-  |                       |                                  |   |                             |                  |                                      |                            |             |
|--|-----------------------|----------------------------------|---|-----------------------------|------------------|--------------------------------------|----------------------------|-------------|
| INGREDIENT   | TYPICAL PERCENT (Wt.) | VOLATILE ORGANIC COMPOUND (VOC)? | SARA Section 302                                    |                             | SARA Section 313 |                                      | CERCLA REPORTABLE QUANTITY | CARCINOGEN? |
|  |                       |                                  | REPORTABILITY QTY. OF EXTREMELY HAZARDOUS SUBSTANCE | THRESHOLD PLANNING QUANTITY | TOXIC CHEMICAL?  | CATEGORY FOR TOXIC RELEASE INVENTORY |                            |             |
| Petroleum Solvent  | 1                     | Yes                              | Not EHS   | N/A                         | No               | None                                 | N/A                        | No          |
| Toluene  | 15                    | Yes                              | Not EHS   | N/A                         | Yes              | None                                 | 1000 lbs                   | Yes         |
| Xylene   | 8                     | Yes                              | Not EHS   | N/A                         | yes              | None                                 | 1000 lbs                   | No          |
| Acetone  | 7                     | Yes                              | Not EHS   | N/A                         | Yes              | None                                 | 5000 lbs                   | No          |
| 1-Methoxy-2-Propanol Acetate   | 3                     | N/A                              | Not EHS   | N/A                         | No               | None                                 | N/A                        | No          |
| SARA SECTIONS 311, 312 HAZARD CATEGORY (H-1=ACUTE HEALTH; H-2 = CHRONIC HEALTH; P-3 = FIRE; P-4 = PRESSURE; P-5 = REACTIVE); |                       |                                  |   |                             |                  |                                      |                            |             |
| H-1, H-2, P-3  |                       |                                  |   |                             |                  |                                      |                            |             |

The above information is offered in good faith for usage under typical conditions. Recommendations should be reviewed to determine the applicability of this information in the context of intended usage.