SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

CHEMICAL NAME: Methacrylate Monomer
PRODUCT NAME: ASP Bonding Acrylic Liquid Monomer
TRADE NAME/PRODUCT CODE: 0000
PRODUCT USE: Organic Process Chemical
MANUFACTURER: All Season Professional
ADDRESS: 29120 Avenue Paine
Valencia, Ca. 91355

24 HR. EMERGENCY TELEPHONE: CHEMTEL: 1-800-255-3924
PREPARATION/UPDATE DATE: 04/03/2015
PRINT DATE: 4/3/15
MSDS ID: M19-03

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

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ACGIH

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Company Recommendation

SKIN

Note this material contains an inhibitor (HQ, MEHQ, etc) at <1%. The type and amount meet product specifications. Contact manufacturer for exact concentration and details on inhibitor level maintenance.

See Section 16 for Abbreviations.
SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:
For Monomer:

Physical Hazards: Unstable/Reactive upon depletion of inhibitor. **Check inhibitor levels periodically.**

Acute Hazards:
- Ingestion: Causes irritation, a burning sensation of the mouth, throat and respiratory tract and abdominal pain.
- Eyes: Eye contact may cause irritation with discomfort, tearing, or blurring of vision.
- Inhalation: High concentrations irritant to the respiratory tract and may cause dizziness, headache and anesthetic effects.
- Skin: May cause skin irritation and can cause skin sensitization. Extensive/prolonged or repeated exposure to this material may result in a more severe skin response. Symptoms may be delayed.

Chronic Hazards: None Listed.

Note to Physicians:
This product contains N,N-Dimethyl-p-Toluidine at a low concentration (Refer to Section 2). While complications from this component are not expected, absorption leads to formation of methemoglobin, which in sufficient concentration causes cyanosis. Symptoms may include headaches, weakness and dizziness, and can be recognized by the blue color of the lips, fingernails, nose and earlobes. Reversion of methemoglobin to hemoglobin occurs spontaneously after termination of exposure, moderate degree of cyanosis need to be treated only by supportive measures such as bed rest and oxygen inhalation. Thorough cleansing of the entire contaminated area of the body is of utmost importance. If cyanosis is severe, intravenous injection of methylene blue, 1-2 mg/kg body weight over a 5 minute period as a 1 % solution may be of value. If elevated methemoglobin persists after an hour, the treatment may be repeated, but the total dose should not exceed 7 mg/kg body weight. Cyanocobalamin (Vitamin B-12), 1 mg intramuscularly is reported to speed recovery. Intravenous fluids and blood transfusions may be indicated in very severe exposures.

CARCINOGENICITY:
Triethylene Glycol Dimethacrylate may contain trace quantities of substances known to the state of California to cause cancer and/or reproductive toxicity. All carcinogen studies for all types of cancers were negative. None of the other components of this material are listed by IARC, NTP, OSHA, or ACGIH as carcinogens.

PRIMARY ROUTES OF ENTRY:
Inhalation, Skin or Eyes.
SECTION 4 - FIRST AID MEASURES

EMERGENCY AND FIRST AID PROCEDURES:

EYES: If product gets in the eyes, flush with copious amounts of lukewarm water for at least 15 minutes. If irritation occurs, contact a physician.

INGESTION: If ingested, do not induce vomiting. If product has been swallowed, drink plenty of water or milk IMMEDIATELY. If the patient is vomiting, continue to offer water or milk. Never give anything by mouth to an unconscious person. Provide an estimate of the time at which the material was ingested and the amount of the substance that was swallowed. Get medical attention immediately.

INHALATION: Remove to fresh air. Seek immediate medical attention.

SKIN: If irritation occurs and product is on the skin, rinse thoroughly with lukewarm water, followed by a thorough washing of the effected area with soap and water. If irritation, redness or swelling persists, contact a physician immediately.

CLOTHING: Remove contaminated clothing, wash thoroughly before reuse.

TREATMENT: Treat symptoms conventionally, after thorough decontamination.

SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT: 19 °C, 67 °F
FLAMMABLE LIMIT, AIR VOL% LOWER: 1.8
UPPER: Saturation concentration.

AUTOIGNITION TEMPERATURE: 411 °C, 771 °F

EXTINGUISHER METHOD: Chemical foam, carbon dioxide, dry chemical, water spray.

FIRE AND EXPLOSION HAZARDS: High temperatures, inhibitor depletion, accidental impurities, or exposure to radiation or oxidizers may cause spontaneous polymerizing reaction generating heat/pressure. Closed containers may rupture or explode during a runaway polymerization. Use a water spray or fog to reduce or direct vapors. Water may not be effective in actually extinguishing a fire involving this product.

SPECIAL FIRE FIGHTING PROCEDURES: This product is a flammable liquid. When involved in a fire, this product may ignite readily and decompose to produce carbon oxides. Vapors of this product are heavier than air and may travel to a source of ignition and flash back to a leaking or open container. Do not enter fire area without proper protection. Fight fire from a safe location. Heat/impurities may cause pressure to build and/or rupture closed containers, spreading fire, increasing risk of burns/injuries. Structural firefighters must wear SCBAs and full protective equipment.

SENSITIVE TO MECHANICAL IMPACT: No.
SENSITIVE TO STATIC DISCHARGE: Yes.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE: Before cleaning any spill or leak, individuals involved must wear appropriate Personal Protective Equipment (e.g., goggles, gloves). Deny entry to all unprotected individuals. Dike and contain spill with inert material (e.g. sand or earth). Use ONLY non-sparking tools for recovery and cleanup. Maximize ventilation (open doors and windows) and secure all sources of ignition. Place into appropriate closed container(s) for disposal in accordance with local, state and federal regulations. Wash all affected areas with plenty of warm water and soap. Remove any contaminated clothing and wash thoroughly before reuse. Keep spills and cleaning runoffs out of municipal sewers and open bodies of water.
SECTION 7 - HANDLING AND STORAGE

PRECAUTIONS FOR HANDLING: Use local explosion-proof ventilation with a minimum capture velocity of 100 ft/min (30 m/min) at point of material release. Refer to Industrial Ventilation: A Manual of Recommended Practice published by the American Conference of Governmental Hygienist. Observe precautions found on label.

PRECAUTIONS FOR STORAGE: Store containers in a cool, dry location, away from direct sunlight, heat, sparks, flame, other light sources, or sources of intense heat. Keep container closed after each use. Ground and bond all containers when transferring. **Check inhibitor levels periodically**, add to the bulk material if needed. Maintain at a minimum, the original 2-inch headspace in the product container. Do not blanket or mix with oxygen-free gas as it renders the inhibitor ineffective.

INDUSTRIAL HYGIENE PRACTICES: Avoid contact with skin, eyes, clothing, and prolonged contact with the product. Use good personal hygiene and housekeeping. After use, wash hands and exposed skin with soap and water. Do not eat, drink or smoke while handling product.

SECTION 8 - EXPOSURE CONTROL/PERSONAL PROTECTION

VENTILATION: Refer to Section 7 regarding the ventilation requirements for working with this product. Use explosion-proof local exhaust at processing equipment, including buffers, sanders, grinders and polishers. High temperature processing equipment should be well ventilated.

RESPIRATORY PROTECTION: A respirator should be worn whenever workplace conditions warrant a respirators use. None required if airborne concentrations are maintained below the exposure limit listed in Section 2. If necessary, use only respiratory protection authorized per U.S. OSHA's requirement in 29 CFR §1910.134 or other appropriate governing standard.

EYE PROTECTION: Depending on the use of this product, splash or safety glasses may be worn. If necessary, refer to U.S. OSHA 29 CFR §1910.133, or other appropriate governing standard. Ensure that an eyewash station, sink or washbasin is available in case of exposure to eyes.

PROTECTIVE GLOVES: If anticipated that prolonged & repeated skin contact will occur during use of this product, wear chemical resistant gloves for routine industrial use. If necessary, refer to U.S. OSHA 29 CFR §1910.138, or other appropriate governing standards.

OTHER PROTECTIVE EQUIPMENT: No special body protection is required under typical circumstances of use and handling. If necessary, refer to appropriate governing standards. An eyewash station and a safety shower are recommended.
SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

For Ethyl Methacrylate Monomer:

APPEARANCE: Clear, tinted liquid.

ODOR: Acrid, ester-like.

pH: ND

ODOR THRESHOLD: ND

BOILING POINT: 118 °C, 246 °F

FREEZING POINT: < -50 °C

VISCOSITY: NE

SPECIFIC GRAVITY (H₂O=1): NE

VAPOR PRESSURE: 20 mm/Hg @ 20 °C, 68 °F

PERCENT VOLATILE W/W%: NE

VAPOR DENSITY (AIR=1): 3.94

EVAPORATION RATE (BuAc =1): NE

SOLUBILITY IN WATER: 0.5% @ 20 °C, 68 °F

COEFFICIENT OF WATER/OIL DISTRIBUTION: NE

SECTION 10 - STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Temperatures above 21°C, 70°F, localized heat sources (example drum or band heaters) oxidizing conditions, freezing conditions, direct sunlight, ultraviolet radiation, inert gas blanketing.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers, strong reducers, free radical initiators, inert gases, oxygen scavengers. Material has strong solvent properties and can soften paint and rubber.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of Carbon when burned.

HAZARDOUS POLYMERIZATION: MAY OCCUR: X WILL NOT OCCUR:

STABILITY: Unstable/Reactive upon depletion of inhibitor.

SECTION 11- TOXICOLOGICAL PROPERTIES

TARGET ORGANS:

For Ethyl Methacrylate Monomer: None Listed.
For Mono Methacrylate: None listed.
For Trade Secret: None Listed.
For Alkyl Dimethacrylate: None Listed.
For N,N-Dimethyl-p-Toluidine: Liver, Central Nervous System, Blood and Skin.

REPRODUCTIVE:

For Ethyl Methacrylate Monomer: No information available.
SECTION 11 - TOXICOLOGICAL PROPERTIES CONTINUED

TOXICITY DATA:
This product has NOT been tested on animals to obtain toxicology data. There is toxicology data for the components of the product, which is found in scientific literature. Some of this data is presented below.

For Ethyl Methacrylate Monomer:
- Dermal Rabbit: $LD_{50}$: >10,000 mg/kg.
- Inhalation Rat: $LC_{50}$: 8300 ppm/4H.
- Intraperitoneal Mouse: $LD_{50}$: 1369 mg/kg.
- Intraperitoneal Rat: $LD_{50}$: 1223 mg/kg.
- Oral Rat: $LD_{50}$: 13468 mg/kg.

For Triethylene Glycol Dimethacrylate:
- Oral Mouse: $LD_{50}$: 10750 mg/kg.
- Oral Rat: $LD_{50}$: 10837 mg/kg.

For N,N-Dimethyl-p-Toluidine:
- Inhalation Rat: $LC_{50}$: 254 ppm/4H.
- Acute Dermal Rat: $LD_{50}$: >2000 mg/kg.
- Ingestion Rat: $LD_{50}$: 1650 mg/kg.

SECTION 12 - ECOLOGICAL INFORMATION

AQUATIC TOXICITY:
For Monomer: There is no specific data available for this product; however, very large releases of this product may be harmful or fatal to overexposed aquatic life. There is ecological data for the components of the product, which is found in scientific literature. Some of this data is presented below.

For Ethyl Methacrylate Monomer:
- Daphnia Magna: $EC_{50}$: > 66 mg/L/48H.
- Rainbow Trout: $LC_{50}$: 100 mg/l/96H.
- Algae: $EC_{50}$: >0.70 mg/L/72H.

ENVIRONMENTAL FATE:
For Ethyl Methacrylate Monomer:
- Biodegradation: Inherently biodegradable 79% in 28 days.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD:
When discarded it is a characteristic hazardous waste by the EPA under RCRA with the reportable quantity (RQ) of 1000 pounds (40 CFR Part 302) for the ethyl methacrylate monomer. After addition of excess inhibitor, dispose waste material in accordance with Federal, State, and Local regulations.

DISPOSAL OF EMPTY CONTAINERS:
Reuse of empty drums or containers is not recommended. Employees should be advised of the potential hazards, due to residual flammable material, associated with empty containers. Dispose of all empty containers properly, in accordance with Federal, State and Local regulations.
SECTION 14 - TRANSPORTATION

DOT/UN SHIPPING NAME: ETHYL METHACRYLATE, STABILIZED, SOLUTION
DOT/UN CLASS: 3
NA/UN NUMBER: UN 2277
PACKING GROUP: II
LABEL: Flammable Liquid
IMDG CLASS: 3
CERCLA RQ: For Ethyl Methacrylate Monomer: 1000 lb.

SECTION 15 - REGULATORY INFORMATION

SARA Reporting Requirements: Yes
SARA Threshold Planning Quantity: There are specific Threshold Planning Quantities for the components of this product.
TSCA Inventory Status: The components of this product are listed on the TSCA Inventory.
CERCLA Reportable Quantity (RQ): Yes
Other Federal Requirements: This product complies with the appropriate sections of the Food and Drug Administration's 21 CFR.
Other Canadian Regulations: This product has been classified according to the hazard criteria of the CPR and the SDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDSL. None of the components of this product are listed on the Priorities Substances List.
State Regulatory Information: This product may contain components that are covered under specific state criteria.

RISK STATEMENTS: R11 – Highly Flammable
R36/37/38 – Irritating to eyes, respiratory system and skin.
R43 – May cause sensitization by skin contact

SAFETY STATEMENTS: S3 – Keep in a cool place.
S7 – Keep container tightly closed.
S9 – Keep container in a well ventilated place.
S16 – Keep away from sources of ignition – No Smoking.
S20 – When using do not eat or drink.
S 29 – Do not empty into drains.
S33 – Take precautionary measures against static discharges.
S37/39 – Wear suitable gloves and eye/face protection.

SECTION 16 - OTHER INFORMATION

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (HMIS) RATING:
HEALTH: 2
FLAMMABILITY: 3
REACTIVITY: 2
PERSONAL PROTECTIVE EQUIPMENT: Gloves and Safety Glasses or Chemical Splash Goggles.

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) HAZARD IDENTIFICATION RATING:
HEALTH: 2
FLAMMABILITY: 3
REACTIVITY: 2
ABBREVIATIONS:

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This safety data sheet is prepared in compliance with federal regulations (29 CFR 1910.1200) Canadian WHMIS regulations, any applicable state and local regulations should be consulted. The above information may be based in part on information provided by component suppliers and is believed to be correct as of the date hereof. However, no warranty of merchantability, fitness for any use, or any other warranty is expressed or is to be implied regarding the accuracy of these data, the results to be obtained from the use of the material, or the hazards connected with such use. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar, and since data made available subsequent to the date hereof may suggest modification of the information, we assume no responsibility for the result of its use. This information and material is furnished on the condition that the person receiving it shall make his/her own determination as to the suitability of the material for his/her particular purpose and on the condition that he/she assume the risk of his/her use thereof.

Preparation Date of SDS: 04/03/2015
END OF SDS
CHEMICAL NAME: Methacrylate Polymer
PRODUCT/TRADE NAME: ASP Bonding Acrylic Powder-Clear
TRADE NAME/PRODUCT CODE: 0000
PRODUCT USE: Organic Process Chemical
MANUFACTURER: All Seasons Professional
ADDRESS: 29120 AVENUE PAINE
VALENCIA, CA 91355

24 HR. EMERGENCY TELEPHONE: CHEMTEL: 813-248-0573 OR 1-800-255-3924
PREPARATION/UPDATE DATE: 04/02/2015
PRINT DATE:

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See Section 16 for Abbreviations.
SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:
WARNING: OSHA classifies this material as Particulates, Not Otherwise Classified.

Acute Hazards: Eyes: May be irritating to the eyes by gross overexposure, no matter how generated. Symptoms of overexposure may include redness, itching, irritation and watering. Keep dust out of eyes.

Ingestion: Not expected to cause any harmful effects. Ingestion of large amounts may be irritating if product is swallowed, may cause nausea, headache, vomiting and/or diarrhea.

Skin: May be irritating to skin in some sensitive individuals, especially after prolonged and/or repeated contact.

Inhalation: May be irritated by gross overexposure, no matter how generated.

Chronic Hazards: None known.

CARCINOGENICITY: IARC lists Benzoyl Peroxide as unclassifiable as to carcinogenicity to humans. None of the other components of this material are listed by IARC, NTP, OSHA, or ACGIH as carcinogens.

PRIMARY ROUTES OF ENTRY: Inhalation, Skin or Eyes.

SECTION 4 - FIRST AID MEASURES

EMERGENCY AND FIRST AID PROCEDURES:
EYES: If product gets in the eyes, flush with copious amounts of lukewarm water for at least 15 minutes. If irritation occurs, contact a physician.

INGESTION: If ingested, do not induce vomiting. If product has been swallowed, drink plenty of water or milk IMMEDIATELY. If the patient is vomiting, continue to offer water or milk. Never give anything by mouth to an unconscious person. Provide an estimate of the time at which the material was ingested and the amount of the substance that was swallowed. Get medical attention immediately.

INHALATION: Remove to fresh air. Seek immediate medical attention.

SKIN: If irritation occurs and product is on the skin, rinse thoroughly with lukewarm water, followed by a thorough washing of the effected area with soap and water. If irritation, redness or swelling persists, contact a physician immediately.

CLOTHING: Remove contaminated clothing, wash thoroughly before reuse.

TREATMENT: Treat symptoms conventionally, after thorough decontamination.
SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT: 304 ° C, 580 ° F
FLAMMABLE LIMIT, AIR VOL% LOWER: NA
UPPER: NA
AUTOIGNITION TEMPERATURE: NE
EXTINGUISHER METHOD: Water, carbon dioxide, dry chemical.
FIRE AND EXPLOSION HAZARDS: Polymer dust is combustible. The explosive limits of the polymer particles suspended in air are approximately those of coal dust.
SPECIAL FIRE FIGHTING PROCEDURES: Avoid extinguishing methods, which may generate dust clouds. Water stream can disperse dust into air producing a fire hazard and possible explosion hazard if exposed to ignition source.
EXPLOSION HAZARD: Firefighters should wear self-contained breathing apparatus.
SENSITIVE TO MECHANICAL IMPACT: For Polymer: No.
SENSITIVE TO STATIC DISCHARGE: For Polymer: No.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE: Before cleaning any spill or leak, individuals involved must wear appropriate Personal Protective Equipment (e.g., goggles, gloves). Sweep up to avoid slipping hazard. Keep airborne particulates at a minimum when cleaning up spills. Dispose of properly in accordance with local, state and federal regulations. Wash all affected areas with plenty of warm water and soap. Remove any contaminated clothing and wash thoroughly before reuse.

SECTION 7- HANDLING AND STORAGE

PRECAUTIONS FOR HANDLING: Use in well ventilated areas. Avoid contact with skin, eyes and clothing. Avoid breathing dust. Use good personal hygiene and housekeeping.

PRECAUTIONS FOR STORAGE: Store containers in a cool, dry location, away from direct sunlight, other light sources, or sources of intense heat. Keep container closed to prevent water absorption and contamination.

INDUSTRIAL HYGIENE PRACTICES: Avoid prolonged contact with the product. Use in a well-ventilated location (e.g., local exhaust ventilation, fans). After use, wash hands and exposed skin with soap and water. Do not eat, drink or smoke while handling product.
SECTION 8 - EXPOSURE CONTROL/PERS ONAL PROTECTION

VENTILATION: When working with large quantities of product provide adequate ventilation (e.g., local exhaust ventilation, fans). Ensure that an eyewash station, sink or washbasin is available in case of exposure to eyes. Use good local exhaust at processing equipment, including buffers, sanders, grinders and polishers.

RESPIRATORY PROTECTION: No special respiratory protection is required under typical circumstances of use or handling. If necessary, use only respiratory protection authorized per U.S. OSHA's requirement in 29 CFR §1910.134, or applicable U.S. state regulations, or the appropriate standards of Canada, its provinces, E.C. member states, or Australia.

EYE PROTECTION: Depending on the use of this product, safety glasses or goggles may be worn. If necessary, refer to U.S. OSHA 29 CFR §1910.133, Canadian standards, or the European Standard EN166. Ensure that an eyewash station, sink or washbasin is available in case of exposure to eyes.

PROTECTIVE GLOVES: If anticipated that prolonged & repeated skin contact will occur during use of this product, wear gloves for routine industrial use. If necessary, refer to U.S. OSHA 29 CFR §1910.138, the appropriate standards of Canada, of the E.C. member states.

OTHER PROTECTIVE EQUIPMENT: No special body protection is required under typical circumstances of use and handling. If necessary, refer to appropriate standards of Canada, the E.C. member states, or U.S. OSHA. An eyewash station and a safety shower are recommended. High temperature processing equipment should be well ventilated.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Fine clear to pigmented powder.
ODOR: Faint odor in bulk.
pH: NA
ODOR THRESHOLD:
BOILING POINT:
FREEZING POINT:
VISCOITY:
SPECIFIC GRAVITY (H₂O=1):
VAPOR PRESSURE:
PERCENT VOLATILE W/W%:
VAPOR DENSITY (AIR=1):
EVAPORATION RATE (BuAc =1):
SOLUBILITY IN WATER: Insoluble.
COEFFICIENT OF WATER/OIL DISTRIBUTION: ND
SECTION 10 - STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Heating above 240 °C, 464 °F.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Methacrylate Monomer and Oxides of Carbon when burned.

HAZARDOUS POLYMERIZATION: MAY OCCUR: WILL NOT OCCUR: X

STABILITY: UNSTABLE: STABLE: X

SECTION 11 - TOXICOLOGICAL PROPERTIES

TOXICITY DATA: This product has NOT been tested on animals to obtain toxicology data. There is toxicology data for the components of the product, which is found in scientific literature. This data has not been presented in this document.

MUTAGENICITY DATA: This product is not reported to produce mutagenic effects in humans.

REPRODUCTIVE TOXICITY DATA:
- Embryotoxicity: This product is not reported to produce embryotoxic effects in humans.
- Teratogenicity: This product is not reported to cause teratogenic effects in humans.
- Reproductive Toxicity: This product is not reported to cause reproductive effects in humans.

SECTION 12 - ECOLOGICAL INFORMATION

AQUATIC TOXICITY: There is no specific data available for this product; however, very large releases of this product may be harmful or fatal to overexposed aquatic life.

ENVIRONMENTAL FATE: There is no specific data available for this product.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of properly in accordance with Federal, State, and Local regulations.

DISPOSAL OF EMPTY CONTAINERS: Reuse of empty drums or containers is not recommended. Employees should be advised of the potential hazards due to residual material associated with empty containers. Dispose of all empty containers properly in accordance with Federal, State and Local regulations.
SECTION 14 - TRANSPORTATION

DOT/UN SHIPPING NAME: POLYMER, NOI
DOT/UN CLASS: NA
NA/UN NUMBER: UN
PACKING GROUP: NA
LABEL: NA
IMDG CLASS: NA
IMDG PG: NA
CERCLA RQ: NA

SECTION 15 - REGULATORY INFORMATION

SARA Reporting Requirements: NA
SARA Threshold Planning Quantity: There are no specific Threshold Planning Quantities for the components of this product.
TSCA Inventory Status: The components of this product are listed on the TSCA Inventory. For use in FDA regulated products only.
CERCLA Reportable Quantity (RQ): NA
Other Federal Requirements: This product complies with the appropriate sections of the Food and Drug Administration's 21 CFR subchapter G (Cosmetics).
Other Canadian Regulations: This product has been classified according to the hazard criteria of the CPR and the SDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDSL. None of the components of this product are listed on the Priorities Substances List.
State Regulatory Information: This product may contain components that are covered under specific state criteria.

RISK STATEMENTS: R36/37/38 – Irritating to eyes, respiratory system and skin.

SAFETY STATEMENTS: S3 – Keep in a cool place.
S7 – Keep container tightly closed.
S9 – Keep container in a well-ventilated place.
S20 – When using do not eat or drink.
S29 – Do not empty into drains.
S37/39 – Wear suitable gloves and eye/face protection.
HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (HMIS) RATING:

- HEALTH: 1
- FLAMMABILITY: 1
- REACTIVITY: 0
- PERSONAL PROTECTIVE EQUIPMENT: Gloves and Safety Glasses or Chemical Goggles.

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) HAZARD IDENTIFICATION RATING:

- HEALTH: 1
- FLAMMABILITY: 1
- REACTIVITY: 0

ABBREVIATIONS:

- NA: Not Applicable
- NE: Not Established
- ND: Not Determined
- ppm: parts per million
- mg: Milligram
- gm: Gram
- kg: Kilogram
- mm: Millimeter
- Pa: Pascals
- G: Gallon
- L: Liter
- mol: Mole
- µ: Micro
- p: Pico
- LC: Lethal Concentration
- TC: Toxic Concentration
- BOD: Biological Oxygen Demand
- Lo: Lowest
- TLm: Threshold Limit
- LD: Lethal Dose
- TD: Toxic Dose
- COD: Chemical Oxygen Demand
- ThOD: Theoretical Oxygen Demand
- H: Hours
- D: Days
- W: Weeks
- M: Months
- Y: Years

ACGIH: American Conference of Governmental Industrial Hygienist
CPR: Controlled Product’s Regulation
DSL: Canadian Domestic Substances List
NDSL: Canadian Non-domestic Substance List
IARC: International Agency for Research for Cancer
NOEL: No Observed Effect Level
NOAEL: No Observed Adverse Effect Level
OSHA: Occupational Safety and Health Administration
PEL: Permissible Exposure Limit
TLV: Threshold Limit Value
THIS SAFETY DATA SHEET IS PREPARED IN COMPLIANCE WITH FEDERAL REGULATIONS (29 CFR 1910.1200), CANADIAN WHMIS REGULATIONS, ANY APPLICABLE STATE AND LOCAL REGULATIONS SHOULD BE CONSULTED. THE ABOVE INFORMATION MAY BE BASED IN PART ON INFORMATION PROVIDED BY COMPONENT SUPPLIERS AND IS BELIEVED TO BE CORRECT AS OF THE DATE HEREOF. HOWEVER, NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY USE, OR ANY OTHER WARRANTY IS EXPRESSED OR IS TO BE IMPLIED REGARDING THE ACCURACY OF THESE DATA, THE RESULTS TO BE OBTAINED FROM THE USE OF THE MATERIAL, OR THE HAZARDS CONNECTED WITH SUCH USE. SINCE THE INFORMATION CONTAINED HEREIN MAY BE APPLIED UNDER CONDITIONS BEYOND OUR CONTROL AND WITH WHICH WE MAY BE UNFAMILIAR, AND SINCE DATA MADE AVAILABLE SUBSEQUENT TO THE DATE HEREOF MAY SUGGEST MODIFICATION OF THE INFORMATION, WE ASSUME NO RESPONSIBILITY FOR THE RESULT OF ITS USE. THIS INFORMATION AND MATERIAL IS FURNISHED ON THE CONDITION THAT THE PERSON RECEIVING IT SHALL MAKE HIS/HER OWN DETERMINATION AS TO THE SUITABILITY OF THE MATERIAL FOR HIS/HER PARTICULAR PURPOSE AND ON THE CONDITION THAT HE/SHE ASSUME THE RISK OF HIS/HER USE THEREOF.

Preparation Date of SDS: April 02, 2015
END OF SDS
**SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**CHEMICAL NAME:** Methacrylate Polymer/Copolymer Blend

**PRODUCT/TRADE NAME:** ASP Acrylic Bonding Powder- Extreme Pink

**TRADE NAME/PRODUCT CODE:** 2576

**PRODUCT USE:** Organic Process Chemical

**MANUFACTURER:** All Seasons Professional

**ADDRESS:** 29120 AVENUE PAINE

**29120 AVENUE PAINE**

**CALIFORNIA 91355**

**24 HR. EMERGENCY TELEPHONE:** CHEMTEL: 813-248-0573 OR 1-800-255-3924

**PREPARATION/UPDATE DATE:** 04/02/2015

**PRINT DATE:**

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**SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS**

FOR POLYMER:

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<thead>
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<th>ITEM</th>
<th>CHEMICAL NAME</th>
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<th>WT/WT %</th>
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<td>94-36-0</td>
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<th>PEL CEILING</th>
<th>Company Recommendation</th>
<th>SKIN</th>
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<td>NE</td>
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<tr>
<td>02</td>
<td>10 mg/m³</td>
<td>NE</td>
<td>15 mg/m³</td>
<td>NE</td>
<td>15 mg/m³</td>
<td>NE</td>
</tr>
<tr>
<td>03</td>
<td>5 mg/m³</td>
<td>NE</td>
<td>5 mg/m³</td>
<td>NE</td>
<td>5 mg/m³</td>
<td>NE</td>
</tr>
</tbody>
</table>

See Section 16 for Abbreviations.
SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

WARNING: OSHA classifies this material as Particulates, Not Otherwise Classified.

For Polymer:

Acute Hazards: Eyes: May be irritating to the eyes by gross overexposure, no matter how generated. Symptoms of overexposure may include redness, itching, irritation and watering. Keep dust out of eyes.

Ingestion: Not expected to cause any harmful effects. Ingestion of large amounts may be irritating if product is swallowed, may cause nausea, headache, vomiting and/or diarrhea.

Skin: May be irritating to skin in some sensitive individuals, especially after prolonged and/or repeated contact.

Inhalation: May be irritated by gross overexposure, no matter how generated.

Chronic Hazards: None known.

CARCINOGENICITY:

IARC lists Benzoyl Peroxide as unclassifiable as to carcinogenicity to humans. None of the other components of this material are listed by IARC, NTP, OSHA, or ACGIH as carcinogens.

PRIMARY ROUTES OF ENTRY: Inhalation, Skin or Eyes.

SECTION 4 - FIRST AID MEASURES

EMERGENCY AND FIRST AID PROCEDURES:

EYES: If product gets in the eyes, flush with copious amounts of lukewarm water for at least 15 minutes. If irritation occurs, contact a physician.

INGESTION: If ingested, do not induce vomiting. If product has been swallowed, drink plenty of water or milk IMMEDIATELY. If the patient is vomiting, continue to offer water or milk. Never give anything by mouth to an unconscious person. Provide an estimate of the time at which the material was ingested and the amount of the substance that was swallowed. Get medical attention immediately.

INHALATION: Remove to fresh air. Seek immediate medical attention.

SKIN: If irritation occurs and product is on the skin, rinse thoroughly with lukewarm water, followed by a thorough washing of the effected area with soap and water. If irritation, redness or swelling persists, contact a physician immediately.

CLOTHING: Remove contaminated clothing, wash thoroughly before reuse.

TREATMENT: Treat symptoms conventionally, after thorough decontamination.
SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT: 304 °C, 580 °F
FLAMMABLE LIMIT, AIR VOL% LOWER: NA
UPPER: NA
AUTOIGNITION TEMPERATURE: NE
EXTINGUISHER METHOD: Water, carbon dioxide, dry chemical.
FIRE AND EXPLOSION HAZARDS: Polymer dust is combustible. The explosive limits of the polymer particles suspended in air are approximately those of coal dust.
SPECIAL FIRE FIGHTING PROCEDURES: Avoid extinguishing methods, which may generate dust clouds. Water stream can disperse dust into air producing a fire hazard and possible explosion hazard if exposed to ignition source.
EXPLOSION HAZARD: Firefighters should wear self-contained breathing apparatus.
SENSITIVE TO MECHANICAL IMPACT: For Polymer: No.
SENSITIVE TO STATIC DISCHARGE: For Polymer: No.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE: Before cleaning any spill or leak, individuals involved must wear appropriate Personal Protective Equipment (e.g., goggles, gloves). Sweep up to avoid slipping hazard. Keep airborne particulates at a minimum when cleaning up spills. Dispose of properly in accordance with local, state and federal regulations. Wash all affected areas with plenty of warm water and soap. Remove any contaminated clothing and wash thoroughly before reuse.

SECTION 7 - HANDLING AND STORAGE

PRECAUTIONS FOR HANDLING: Use in well ventilated areas. Avoid contact with skin, eyes and clothing. Avoid breathing dust. Use good personal hygiene and housekeeping.

PRECAUTIONS FOR STORAGE: Store containers in a cool, dry location, away from direct sunlight, other light sources, or sources of intense heat. Keep container closed to prevent water absorption and contamination.

INDUSTRIAL HYGIENE PRACTICES: Avoid prolonged contact with the product. Use in a well-ventilated location (e.g., local exhaust ventilation, fans). After use, wash hands and exposed skin with soap and water. Do not eat, drink or smoke while handling product.
SECTION 8 - EXPOSURE CONTROL/PERSONAL PROTECTION

VENTILATION: When working with large quantities of product provide adequate ventilation (e.g., local exhaust ventilation, fans). Ensure that an eyewash station, sink or washbasin is available in case of exposure to eyes. Use good local exhaust at processing equipment, including buffers, sanders, grinders and polishers.

RESPIRATORY PROTECTION: No special respiratory protection is required under typical circumstances of use or handling. If necessary, use only respiratory protection authorized per U.S. OSHA's requirement in 29 CFR §1910.134, or applicable U.S. state regulations, or the appropriate standards of Canada, its provinces, E.C. member states, or Australia.

EYE PROTECTION: Depending on the use of this product, safety glasses or goggles may be worn. If necessary, refer to U.S. OSHA 29 CFR §1910.133, Canadian standards, or the European Standard EN166. Ensure that an eyewash station, sink or washbasin is available in case of exposure to eyes.

PROTECTIVE GLOVES: If anticipated that prolonged & repeated skin contact will occur during use of this product, wear gloves for routine industrial use. If necessary, refer to U.S. OSHA 29 CFR §1910.138, the appropriate standards of Canada, or the E.C. member states.

OTHER PROTECTIVE EQUIPMENT: No special body protection is required under typical circumstances of use and handling. If necessary, refer to appropriate standards of Canada, the E.C. member states, or U.S. OSHA. An eyewash station and a safety shower are recommended. High temperature processing equipment should be well ventilated.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Fine clear to pigmented powder.
ODOR: Faint odor in bulk.
pH: NA
ODOR THRESHOLD: ND
BOILING POINT: NA
FREEZING POINT: NA
VISCOITY: NA
SPECIFIC GRAVITY (H₂O=1): ND
VAPOR PRESSURE: NA
PERCENT VOLATILE W/W%: NA
VAPOR DENSITY (AIR=1): NA
EVAPORATION RATE (BuAc =1): NA
SOLUBILITIY IN WATER: Insoluble.
COEFFICIENT OF WATER/OIL DISTRIBUTION: ND
SECTION 10 - STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Heating above 240 °C, 464 °F.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Methacrylate Monomer and Oxides of Carbon when burned.

HAZARDOUS POLYMERIZATION: MAY OCCUR: WILL NOT OCCUR: X

STABILITY: UNSTABLE: STABLE: X

SECTION 11 - TOXICOLOGICAL PROPERTIES

TOXICITY DATA: This product has NOT been tested on animals to obtain toxicology data. There is toxicology data for the components of the product, which is found in scientific literature. This data has not been presented in this document.

MUTAGENICITY DATA: This product is not reported to produce mutagenic effects in humans.

REPRODUCTIVE TOXICITY DATA:
- Embryotoxicity: This product is not reported to produce embryotoxic effects in humans.
- Teratogenicity: This product is not reported to cause teratogenic effects in humans.
- Reproductive Toxicity: This product is not reported to cause reproductive effects in humans.

SECTION 12 - ECOLOGICAL INFORMATION

AQUATIC TOXICITY: There is no specific data available for this product; however, very large releases of this product may be harmful or fatal to overexposed aquatic life.

ENVIRONMENTAL FATE: There is no specific data available for this product.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of properly in accordance with Federal, State, and Local regulations.

DISPOSAL OF EMPTY CONTAINERS: Reuse of empty drums or containers is not recommended. Employees should be advised of the potential hazards due to residual material associated with empty containers. Dispose of all empty containers properly in accordance with Federal, State and Local regulations.
SECTION 14 - TRANSPORTATION

DOT/UN SHIPPING NAME: POLYMER, NOI

SECTION 15 - REGULATORY INFORMATION

SARA Reporting Requirements: NA
SARA Threshold Planning Quantity: There are no specific Threshold Planning Quantities for the components of this product.
TSCA Inventory Status: The components of this product are listed on the TSCA Inventory. For use in FDA regulated products only.
CERCLA Reportable Quantity (RQ): NA
Other Federal Requirements: This product complies with the appropriate sections of the Food and Drug Administration's 21 CFR subchapter G (Cosmetics).
Other Canadian Regulations: This product has been classified according to the hazard criteria of the CPR and the SDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDSL. None of the components of this product are listed on the Priorities Substances List.
State Regulatory Information: This product may contain components that are covered under specific state criteria.

RISK STATEMENTS: R36/37/38 – Irritating to eyes, respiratory system and skin.

SAFETY STATEMENTS: S3 – Keep in a cool place.
S7 – Keep container tightly closed.
S9 – Keep container in a well-ventilated place.
S20 – When using do not eat or drink.
S 29 – Do not empty into drains.
S37/39 – Wear suitable gloves and eye/face protection.
SECTION 16 - OTHER INFORMATION

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (HMIS) RATING:

HEALTH: 1
FLAMMABILITY: 1
REACTIVITY: 0
PERSONAL PROTECTIVE EQUIPMENT: Gloves and Safety Glasses or Chemical Goggles.

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) HAZARD IDENTIFICATION RATING:

HEALTH: 1
FLAMMABILITY: 1
REACTIVITY: 0

ABBREVIATIONS:

NA Not Applicable
NE Not Established

ppm parts per million
mg Milligram
gm Gram
kg Kilogram
mm Millimeter
Pa Pascals

LC Lethal Concentration
TC Toxic Concentration
BOD Biological Oxygen Demand
Lo Lowest
TLm Threshold Limit

H Hours
D Days
W Weeks

ACGIH American Conference of Governmental Industrial Hygienist
CPR Controlled Product's Regulation
DSL Canadian Domestic Substances List
NDSDL Canadian Non-domestic Substance List
IARC International Agency for Research for Cancer
NOEL No Observed Effect Level
NOAEL No Observed Adverse Effect Level
OSHA Occupational Safety and Health Administration
PEL Permissible Exposure Limit
TLV Threshold Limit Value
SECTION 16 - OTHER INFORMATION CONTINUED

THIS SAFETY DATA SHEET IS PREPARED IN COMPLIANCE WITH FEDERAL REGULATIONS (29 CFR 1910.1200), CANADIAN WHMIS REGULATIONS, ANY APPLICABLE STATE AND LOCAL REGULATIONS SHOULD BE CONSULTED. THE ABOVE INFORMATION MAY BE BASED IN PART ON INFORMATION PROVIDED BY COMPONENT SUPPLIERS AND IS BELIEVED TO BE CORRECT AS OF THE DATE HEREOF. HOWEVER, NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY USE, OR ANY OTHER WARRANTY IS EXPRESSED OR IS TO BE IMPLIED REGARDING THE ACCURACY OF THESE DATA, THE RESULTS TO BE OBTAINED FROM THE USE OF THE MATERIAL, OR THE HAZARDS CONNECTED WITH SUCH USE. SINCE THE INFORMATION CONTAINED HEREIN MAY BE APPLIED UNDER CONDITIONS BEYOND OUR CONTROL AND WITH WHICH WE MAY BE UNFAMILIAR, AND SINCE DATA MADE AVAILABLE SUBSEQUENT TO THE DATE HEREOF MAY SUGGEST MODIFICATION OF THE INFORMATION, WE ASSUME NO RESPONSIBILITY FOR THE RESULT OF ITS USE. THIS INFORMATION AND MATERIAL IS FURNISHED ON THE CONDITION THAT THE PERSON RECEIVING IT SHALL MAKE HIS/HER OWN DETERMINATION AS TO THE SUITABILITY OF THE MATERIAL FOR HIS/HER PARTICULAR PURPOSE AND ON THE CONDITION THAT HE/SHE_ASSUME THE RISK OF HIS/HER USE THEREOF.

Preparation Date of SDS: April 02, 2015
END OF SDS
**All Seasons Professional SAFETY DATA SHEET**

**SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

- **CHEMICAL NAME:** Methacrylate Polymer/Copolymer Blend
- **PRODUCT/TRADE NAME:** ASP Acrylic Bonding Powder- Pink
- **TRADE NAME/PRODUCT CODE:** 2539
- **PRODUCT USE:** Organic Process Chemical
- **MANUFACTURER:** All Seasons Professional
- **ADDRESS:** 29120 AVENUE PAINE
  VALENCIA, CA 91355
- **24 HR. EMERGENCY TELEPHONE:** CHEMTEL: 813-248-0573 OR 1-800-255-3924
- **PREPARATION/UPDATE DATE:** 04/02/2015
- **PRINT DATE:**

**SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS**

**FOR POLYMER:**

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<td>80.00-100.00</td>
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<td>Polymer</td>
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<td>40.00-60.00</td>
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<td>03</td>
<td>Benzoyl Peroxide</td>
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See Section 16 for Abbreviations.
SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:
WARNING:
For Polymer: OSHA classifies this material as Particulates, Not Otherwise Classified.

Acute Hazards: Eyes: May be irritating to the eyes by gross overexposure, no matter how generated. Symptoms of overexposure may include redness, itching, irritation and watering. Keep dust out of eyes.

Ingestion: Not expected to cause any harmful effects. Ingestion of large amounts may be irritating if product is swallowed, may cause nausea, headache, vomiting and/or diarrhea.

Skin: May be irritating to skin in some sensitive individuals, especially after prolonged and/or repeated contact.

Inhalation: May be irritated by gross overexposure, no matter how generated.

Chronic Hazards: None known.

CARCINOGENICITY:
IARC lists Benzoyl Peroxide as unclassifiable as to carcinogenicity to humans. None of the other components of this material are listed by IARC, NTP, OSHA, or ACGIH as carcinogens.

PRIMARY ROUTES OF ENTRY: Inhalation, Skin or Eyes.

SECTION 4 - FIRST AID MEASURES

EMERGENCY AND FIRST AID PROCEDURES:
EYES: If product gets in the eyes, flush with copious amounts of lukewarm water for at least 15 minutes. If irritation occurs, contact a physician.

INGESTION: If ingested, do not induce vomiting. If product has been swallowed, drink plenty of water or milk IMMEDIATELY. If the patient is vomiting, continue to offer water or milk. Never give anything by mouth to an unconscious person. Provide an estimate of the time at which the material was ingested and the amount of the substance that was swallowed. Get medical attention immediately.

INHALATION: Remove to fresh air. Seek immediate medical attention.
SKIN: If irritation occurs and product is on the skin, rinse thoroughly with lukewarm water, followed by a thorough washing of the effected area with soap and water. If irritation, redness or swelling persists, contact a physician immediately.

CLOthing: Remove contaminated clothing, wash thoroughly before reuse.
TREATMENT: Treat symptoms conventionally, after thorough decontamination.
SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT: 304 °C, 580 °F
FLAMMABLE LIMIT, AIR VOL% LOWER: NA
UPPER: NA
AUTOIGNITION TEMPERATURE: NE
EXTINGUISHER METHOD: Water, carbon dioxide, dry chemical.
FIRE AND EXPLOSION HAZARDS: Polymer dust is combustible. The explosive limits of the polymer particles suspended in air are approximately those of coal dust.
SPECIAL FIRE FIGHTING PROCEDURES: Avoid extinguishing methods, which may generate dust clouds. Water stream can disperse dust into air producing a fire hazard and possible explosion hazard if exposed to ignition source.
EXPLOSION HAZARD: Firefighters should wear self-contained breathing apparatus.
SENSITIVE TO MECHANICAL IMPACT: For Polymer: No.
SENSITIVE TO STATIC DISCHARGE: For Polymer: No.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE: Before cleaning any spill or leak, individuals involved must wear appropriate Personal Protective Equipment (e.g., goggles, gloves). Sweep up to avoid slipping hazard. Keep airborne particulates at a minimum when cleaning up spills. Dispose of properly in accordance with local, state and federal regulations. Wash all affected areas with plenty of warm water and soap. Remove any contaminated clothing and wash thoroughly before reuse.

SECTION 7- HANDLING AND STORAGE

PRECAUTIONS FOR HANDLING: Use in well ventilated areas. Avoid contact with skin, eyes and clothing. Avoid breathing dust. Use good personal hygiene and housekeeping.
PRECAUTIONS FOR STORAGE: Store containers in a cool, dry location, away from direct sunlight, other light sources, or sources of intense heat. Keep container closed to prevent water absorption and contamination.
INDUSTRIAL HYGIENE PRACTICES: Avoid prolonged contact with the product. Use in a well-ventilated location (e.g., local exhaust ventilation, fans). After use, wash hands and exposed skin with soap and water. Do not eat, drink or smoke while handling product.
SECTION 8 - EXPOSURE CONTROL/PERS.ONAL PROTECTION

VENTILATION: When working with large quantities of product provide adequate ventilation (e.g., local exhaust ventilation, fans). Ensure that an eyewash station, sink or washbasin is available in case of exposure to eyes. Use good local exhaust at processing equipment, including buffers, sanders, grinders and polishers.

RESPIRATORY PROTECTION: No special respiratory protection is required under typical circumstances of use or handling. If necessary, use only respiratory protection authorized per U.S. OSHA's requirement in 29 CFR §1910.134, or applicable U.S. state regulations, or the appropriate standards of Canada, its provinces, E.C. member states, or Australia.

EYE PROTECTION: Depending on the use of this product, safety glasses or goggles may be worn. If necessary, refer to U.S. OSHA 29 CFR §1910.133, Canadian standards, or the European Standard EN166. Ensure that an eyewash station, sink or washbasin is available in case of exposure to eyes.

PROTECTIVE GLOVES: If anticipated that prolonged & repeated skin contact will occur during use of this product, wear gloves for routine industrial use. If necessary, refer to U.S. OSHA 29 CFR §1910.138, the appropriate standards of Canada, of the E.C. member states.

OTHER PROTECTIVE EQUIPMENT: No special body protection is required under typical circumstances of use and handling. If necessary, refer to appropriate standards of Canada, the E.C. member states, or U.S. OSHA. An eyewash station and a safety shower are recommended. High temperature processing equipment should be well ventilated.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Fine clear to pigmented powder.
ODOR: Faint odor in bulk.
pH: NA
ODOR THRESHOLD: ND
BOILING POINT: NA
FREEZING POINT: NA
VISCOSITY: NA
SPECIFIC GRAVITY (H₂O=1): ND
VAPOR PRESSURE: NA
PERCENT VOLATILE W/W%: NA
VAPOR DENSITY (AIR=1): NA
EVAPORATION RATE (BuAc =1): NA
SOLUBILITY IN WATER: Insoluble.
COEFFICIENT OF WATER/OIL DISTRIBUTION: ND
SECTION 10 - STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Heating above 240 °C, 464 °F.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Methacrylate Monomer and Oxides of Carbon when burned.

HAZARDOUS POLYMERIZATION: MAY OCCUR: WILL NOT OCCUR: X

STABILITY: UNSTABLE: STABLE: X

SECTION 11 - TOXICOLOGICAL PROPERTIES

TOXICITY DATA: This product has NOT been tested on animals to obtain toxicology data. There is toxicology data for the components of the product, which is found in scientific literature. This data has not been presented in this document.

MUTAGENICITY DATA: This product is not reported to produce mutagenic effects in humans.

REPRODUCTIVE TOXICITY DATA:

Embryotoxicity: This product is not reported to produce embryotoxic effects in humans.
Teratogenicity: This product is not reported to cause teratogenic effects in humans.
Reproductive Toxicity: This product is not reported to cause reproductive effects in humans.

SECTION 12 - ECOLOGICAL INFORMATION

AQUATIC TOXICITY: There is no specific data available for this product; however, very large releases of this product may be harmful or fatal to overexposed aquatic life.

ENVIRONMENTAL FATE: There is no specific data available for this product.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of properly in accordance with Federal, State, and Local regulations.

DISPOSAL OF EMPTY CONTAINERS: Reuse of empty drums or containers is not recommended. Employees should be advised of the potential hazards due to residual material associated with empty containers. Dispose of all empty containers properly in accordance with Federal, State and Local regulations.
SECTION 14 - TRANSPORTATION

DOT/UN SHIPPING NAME: POLYMER, NOI
DOT/UN CLASS: NA
NA/UN NUMBER: NA
PACKING GROUP: NA
LABEL: NA
IMDG CLASS: NA
IMDG PG: NA
CERCLA RQ: NA

SECTION 15 - REGULATORY INFORMATION

SARA Reporting Requirements: NA
SARA Threshold Planning Quantity: There are no specific Threshold Planning Quantities for the components of this product.
TSCA Inventory Status: The components of this product are listed on the TSCA Inventory. For use in FDA regulated products only.
CERCLA Reportable Quantity (RQ): NA
Other Federal Requirements: This product complies with the appropriate sections of the Food and Drug Administration's 21 CFR subchapter G (Cosmetics).
Other Canadian Regulations: This product has been classified according to the hazard criteria of the CPR and the SDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDSL. None of the components of this product are listed on the Priorities Substances List.
State Regulatory Information: This product may contain components that are covered under specific state criteria.

RISK STATEMENTS: R36/37/38 – Irritating to eyes, respiratory system and skin.

SAFETY STATEMENTS: S3 – Keep in a cool place.
S7 – Keep container tightly closed.
S9 – Keep container in a well-ventilated place.
S20 – When using do not eat or drink.
S 29 – Do not empty into drains.
S37/39 – Wear suitable gloves and eye/face protection.
HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (HMIS) RATING:

HEALTH: 1
FLAMMABILITY: 1
REACTIVITY: 0
PERSONAL PROTECTIVE EQUIPMENT: Gloves and Safety Glasses or Chemical Goggles.

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) HAZARD IDENTIFICATION RATING:

HEALTH: 1
FLAMMABILITY: 1
REACTIVITY: 0

ABBREVIATIONS:

NA Not Applicable
NE Not Established
ND Not Determined

ppm parts per million
mg Milligram
gm Gram
kg Kilogram
mm Millimeter
Pa Pascals
G Gallon
L Liter
mol Mole
µ Micro
p Pico
LC Lethal Concentration
TC Toxic Concentration
BOD Biological Oxygen Demand
Lo Lowest
TLm Threshold Limit
LD Lethal Dose
TD Toxic Dose
COD Chemical Oxygen Demand
ThOD Theoretical Oxygen Demand
H Hours
D Days
W Weeks
M Months
Y Years

ACGIH American Conference of Governmental Industrial Hygienist
CPR Controlled Product’s Regulation
DSL Canadian Domestic Substances List
NDSDL Canadian Non-domestic Substance List
IARC International Agency for Research for Cancer
NOEL No Observed Effect Level
NOAEL No Observed Adverse Effect Level
OSHA Occupational Safety and Health Administration
PEL Permissible Exposure Limit
TLV Threshold Limit Value
SECTION 16 - OTHER INFORMATION CONTINUED

THIS SAFETY DATA SHEET IS PREPARED IN COMPLIANCE WITH FEDERAL REGULATIONS (29 CFR 1910.1200), CANADIAN WHMIS REGULATIONS, ANY APPLICABLE STATE AND LOCAL REGULATIONS SHOULD BE CONSULTED. THE ABOVE INFORMATION MAY BE BASED IN PART ON INFORMATION PROVIDED BY COMPONENT SUPPLIERS AND IS BELIEVED TO BE CORRECT AS OF THE DATE HEREOF. HOWEVER, NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY USE, OR ANY OTHER WARRANTY IS EXPRESSED OR IS TO BE IMPLIED REGARDING THE ACCURACY OF THESE DATA, THE RESULTS TO BE OBTAINED FROM THE USE OF THE MATERIAL, OR THE HAZARDS CONNECTED WITH SUCH USE. SINCE THE INFORMATION CONTAINED HEREIN MAY BE APPLIED UNDER CONDITIONS BEYOND OUR CONTROL AND WITH WHICH WE MAY BE UNFAMILIAR, AND SINCE DATA MADE AVAILABLE SUBSEQUENT TO THE DATE HEREOF MAY SUGGEST MODIFICATION OF THE INFORMATION, WE ASSUME NO RESPONSIBILITY FOR THE RESULT OF ITS USE. THIS INFORMATION AND MATERIAL IS FURNISHED ON THE CONDITION THAT THE PERSON RECEIVING IT SHALL MAKE HIS/HER OWN DETERMINATION AS TO THE SUITABILITY OF THE MATERIAL FOR HIS/HER PARTICULAR PURPOSE AND ON THE CONDITION THAT HE/SHE ASSUME THE RISK OF HIS/HER USE THEREOF.

Preparation Date of SDS: April 02, 2015

END OF SDS
All Seasons Professional  S A F E T Y   D A T A   S H E E T

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

CHEMICAL NAME: Methacrylate Polymer/Copolymer Blend
PRODUCT NAME: ASP Bonding Acrylic Powder - White
TRADE NAME/PRODUCT CODE: 2500
PRODUCT USE: Organic Process Chemical
MANUFACTURER: All Season Professional
ADDRESS: 29120 Avenue Paine
Valencia, Ca. 91355

24 HR. EMERGENCY TELEPHONE: CHEMTEL: 1-800-255-3924
PREPARATION/UPDATE DATE: 04/02/2015
PRINT DATE: 4/3/15
MSDS ID: P26-01

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

FOR POLYMER:

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<th>ITEM</th>
<th>CHEMICAL NAME</th>
<th>CAS NUMBER:</th>
<th>WT/WT %</th>
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<tr>
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<td>30.0-100.0</td>
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<td>Polymer</td>
<td>9003-42-3</td>
<td>5.0-60.0</td>
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<td>03</td>
<td>Benzoyl Peroxide</td>
<td>94-36-0</td>
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ACGIH   OSHA

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<th>TLV- STEL</th>
<th>PEL TWA</th>
<th>PEL CEILING</th>
<th>Company Recommendation</th>
<th>SKIN</th>
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<td>NE</td>
<td>15 mg/m³</td>
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<td>5 mg/m³</td>
<td>NE</td>
<td>5 mg/m³</td>
<td>NE</td>
</tr>
</tbody>
</table>

See Section 16 for Abbreviations.
SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

WARNING:
For Polymer:

Acute Hazards: Eyes: May be irritating to the eyes by gross overexposure, no matter how generated. Symptoms of overexposure may include redness, itching, irritation and watering. Keep dust out of eyes.
Ingestion: Not expected to cause any harmful effects. Ingestion of large amounts may be irritating if product is swallowed, may cause nausea, headache, vomiting and/or diarrhea.
Skin: May be irritating to skin in some sensitive individuals, especially after prolonged and/or repeated contact.
Inhalation: May be irritated by gross overexposure, no matter how generated.

Chronic Hazards: None known.

CARCINOGENICITY:
IARC lists Benzoyl Peroxide as unclassifiable as to carcinogenicity to humans. None of the other components of this material are listed by IARC, NTP, OSHA, or ACGIH as carcinogens.

PRIMARY ROUTES OF ENTRY: Inhalation, Skin or Eyes.

SECTION 4 - FIRST AID MEASURES

EMERGENCY AND FIRST AID PROCEDURES:

EYES: If product gets in the eyes, flush with copious amounts of lukewarm water for at least 15 minutes. If irritation occurs, contact a physician.

INGESTION: If ingested, do not induce vomiting. If product has been swallowed, drink plenty of water or milk IMMEDIATELY. If the patient is vomiting, continue to offer water or milk. Never give anything by mouth to an unconscious person. Provide an estimate of the time at which the material was ingested and the amount of the substance that was swallowed. Get medical attention immediately.

INHALATION: Remove to fresh air. Seek immediate medical attention.

SKIN: If irritation occurs and product is on the skin, rinse thoroughly with lukewarm water, followed by a thorough washing of the effected area with soap and water. If irritation, redness or swelling persists, contact a physician immediately.

CLOTHING: Remove contaminated clothing, wash thoroughly before reuse.

TREATMENT: Treat symptoms conventionally, after thorough decontamination.
SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT: 304 °C, 580 °F
FLAMMABLE LIMIT, AIR VOL% LOWER: NA
UPPER: NA
AUTOIGNITION TEMPERATURE: NE
EXTINGUISHER METHOD: Water, carbon dioxide, dry chemical.
FIRE AND EXPLOSION HAZARDS: Polymer dust is combustible. The explosive limits of the polymer particles suspended in air are approximately those of coal dust.
SPECIAL FIRE FIGHTING PROCEDURES: Avoid extinguishing methods, which may generate dust clouds. Water stream can disperse dust into air producing a fire hazard and possible explosion hazard if exposed to ignition source.
EXPLOSION HAZARD: Firefighters should wear self-contained breathing apparatus.
SENSITIVE TO MECHANICAL IMPACT: For Polymer: No.
SENSITIVE TO STATIC DISCHARGE: For Polymer: No.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE: Before cleaning any spill or leak, individuals involved must wear appropriate Personal Protective Equipment (e.g., goggles, gloves). Sweep up to avoid slipping hazard. Keep airborne particulates at a minimum when cleaning up spills. Dispose of properly in accordance with local, state and federal regulations. Wash all affected areas with plenty of warm water and soap. Remove any contaminated clothing and wash thoroughly before reuse.

SECTION 7 - HANDLING AND STORAGE

PRECAUTIONS FOR HANDLING: Use in well ventilated areas. Avoid contact with skin, eyes and clothing. Avoid breathing dust. Use good personal hygiene and housekeeping.
PRECAUTIONS FOR STORAGE: Store containers in a cool, dry location, away from direct sunlight, other light sources, or sources of intense heat. Keep container closed to prevent water absorption and contamination.
INDUSTRIAL HYGIENE PRACTICES: Avoid prolonged contact with the product. Use in a well-ventilated location (e.g., local exhaust ventilation, fans). After use, wash hands and exposed skin with soap and water. Do not eat, drink or smoke while handling product.
SECTION 8 - EXPOSURE CONTROL/PERSONAL PROTECTION

VENTILATION: When working with large quantities of product provide adequate ventilation (e.g., local exhaust ventilation, fans). Ensure that an eyewash station, sink or washbasin is available in case of exposure to eyes. Use good local exhaust at processing equipment, including buffers, sanders, grinders and polishers.

RESPIRATORY PROTECTION: No special respiratory protection is required under typical circumstances of use or handling. If necessary, use only respiratory protection authorized per U.S. OSHA's requirement in 29 CFR §1910.134, or applicable U.S. state regulations, or the appropriate standards of Canada, its provinces, E.C. member states, or Australia.

EYE PROTECTION: Depending on the use of this product, safety glasses or goggles may be worn. If necessary, refer to U.S. OSHA 29 CFR §1910.133, Canadian standards, or the European Standard EN166. Ensure that an eyewash station, sink or washbasin is available in case of exposure to eyes.

PROTECTIVE GLOVES: If anticipated that prolonged & repeated skin contact will occur during use of this product, wear gloves for routine industrial use. If necessary, refer to U.S. OSHA 29 CFR §1910.138, the appropriate standards of Canada, of the E.C. member states.

OTHER PROTECTIVE EQUIPMENT: No special body protection is required under typical circumstances of use and handling. If necessary, refer to appropriate standards of Canada, the E.C. member states, or U.S. OSHA. An eyewash station and a safety shower are recommended. High temperature processing equipment should be well ventilated.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Fine clear to pigmented powder.
ODOR: Faint odor in bulk.
pH: NA
ODOR THRESHOLD: ND
BOILING POINT: NA
FREEZING POINT: NA
VISCOSITY: NA
SPECIFIC GRAVITY (H2O=1): ND
VAPOR PRESSURE: NA
PERCENT VOLATILE W/W%: NA
VAPOR DENSITY (AIR=1): NA
EVAPORATION RATE (BuAc =1): NA
SOLUBILITY IN WATER: Insoluble.
COEFFICIENT OF WATER/OIL DISTRIBUTION: ND
SECTION 10 - STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Heating above 240 °C, 464 °F.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Methacrylate Monomer and Oxides of Carbon when burned.

HAZARDOUS POLYMERIZATION: MAY OCCUR: WILL NOT OCCUR: X

STABILITY: UNSTABLE: STABLE: X

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DOT/UN SHIPPING NAME: POLYMER, NOI
DOT/UN CLASS:
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LABEL:
IMDG CLASS:
IMDG PG:
CERCLA RQ:

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SARA Reporting Requirements: NA
SARA Threshold Planning Quantity: There are no specific Threshold Planning Quantities for the components of this product.
TSCA Inventory Status: The components of this product are listed on the TSCA Inventory. For use in FDA regulated products only.
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S37/39 – Wear suitable gloves and eye/face protection.
HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (HMIS) RATING:

- HEALTH: 1
- FLAMMABILITY: 1
- REACTIVITY: 0
- PERSONAL PROTECTIVE EQUIPMENT: Gloves and Safety Glasses or Chemical Goggles.

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) HAZARD IDENTIFICATION RATING:

- HEALTH: 1
- FLAMMABILITY: 1
- REACTIVITY: 0

ABBREVIATIONS:

- NA: Not Applicable
- ND: Not Determined
- NE: Not Established
- ppm: parts per million
- mg: Milligram
- gm: Gram
- kg: Kilogram
- mm: Millimeter
- Pa: Pascals
- G: Gallon
- L: Liter
- mol: Mole
- µ: Micro
- p: Pico
- LC: Lethal Concentration
- TC: Toxic Concentration
- BOD: Biological Oxygen Demand
- Lo: Lowest
- TLM: Threshold Limit
- LD: Lethal Dose
- COD: Chemical Oxygen Demand
- ThOD: Theoretical Oxygen Demand
- H: Hours
- D: Days
- W: Weeks
- M: Months
- Y: Years

- ACGIH: American Conference of Governmental Industrial Hygienist
- CPR: Controlled Product’s Regulation
- DSL: Canadian Domestic Substances List
- NDSL: Canadian Non-domestic Substance List
- IARC: International Agency for Research for Cancer
- NOEL: No Observed Effect Level
- NOAEL: No Observed Adverse Effect Level
- OSHA: Occupational Safety and Health Administration
- PEL: Permissible Exposure Limit
- TLV: Threshold Limit Value
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Preparation Date of SDS: April 02, 2015

END OF SDS