

## WB 1000 Red Structural Spray

## 1 PRODUCT AND COMPANY IDENTIFICATION

**Product Identifier:** WB 1000 Red Structural Spray  
**Revision Date:** 9/3/2024

**Supplier Details:** Advanced Polymer Technology  
109 Conica Lane, Evans City, PA 16033

**Contact:** Senior Chemist  
**Phone:** 724-452-1330  
**Fax:** 724-452-1703  
**Email:** info@advpolytech.com  
**Internet:** www.advpolytech.com

**Transportation emergency phone number:** ChemTel Inc. (800)255-3924, +1 (813)248-0585

## 2 HAZARDS IDENTIFICATION

**Classification of Substance****GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):**

No GHS Classifications Indicated

**GHS Label Elements, Including Precautionary Statements**

**GHS Signal Word:** NONE

**GHS Hazard Pictograms:**

No GHS pictograms indicated for this product

**GHS Hazard Statements:**

No GHS hazards statements indicated

**GHS Precautionary Statements:**

P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P264 - Wash hands thoroughly after handling.  
P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.  
P337+313 - Get medical advice/attention.

## 3 COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Ingredients: |       |                                                    |
|-----------------------|-------|----------------------------------------------------|
| CAS#                  | %     | Chemical Name:                                     |
| 25498-49-1            | <0.1% | Propanol, [2-(2-methoxymethylethoxy)methylethoxy]- |
| 872-50-4              | <0.1% | 1-Methyl-2-pyrrolidone                             |
| 100-42-5              | <0.1% | Styrene                                            |
| 50-00-0               | <0.1% | Formaldehyde                                       |
| 140-88-5              | <0.1% | Ethyl acrylate                                     |
| 75-21-8               | <0.1% | Ethylene oxide                                     |
| 123-91-1              | <0.1% | 1,4-Dioxane                                        |

**General information:** Take affected persons out into the fresh air.

**After inhalation:** Supply fresh air; consult doctor in case of complaints.

**After skin contact:**

Immediately rinse with water.

If skin irritation continues, consult a doctor.

**After eye contact:**

Remove contact lenses if worn.

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

**After swallowing:**

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; call for medical help immediately.

**Most important symptoms and effects, both acute and delayed**

Nausea

Cramp

Dizziness

Coughing

**Hazards** No further relevant information available.

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

Treat skin and mucous membrane with antihistamine and corticoid preparations.

In cases of irritation to the lungs, initial treatment with cortical steroid inhalants.

Suitable extinguishing agents:

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

For safety reasons unsuitable extinguishing agents: Water with full jet

Special hazards arising from the substance or mixture

In case of fire, the following can be released:

Carbon monoxide (CO)

Nitrogen oxides (NO<sub>x</sub>)

Under certain fire conditions, traces of other toxic gases cannot be excluded.

Advice for firefighters

Protective equipment:

Wear self-contained respiratory protective device.

Wear fully protective suit.

Additional information

Cool endangered receptacles with water fog or haze.

No further relevant information available.

**Personal precautions, protective equipment and emergency procedures**

Wear protective clothing.

Ensure adequate ventilation

**Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

**Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Send for recovery or disposal in suitable receptacles.

|   |                      |
|---|----------------------|
| 7 | HANDLING AND STORAGE |
|---|----------------------|

|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Handling Precautions:</b> | Ensure good ventilation/exhaustion at the workplace.<br>Prevent formation of aerosols.                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Storage Requirements:</b> | Information about fire - and explosion protection: No special measures required.<br>Requirements to be met by storerooms and receptacles:<br>Store in a cool location.<br>Avoid storage near extreme heat, ignition sources or open flame.<br><br>Information about storage in one common storage facility:<br>Store away from foodstuffs.<br>Do not store together with oxidizing and acidic materials.<br><br>Further information about storage conditions:<br>Store in cool, dry conditions in well sealed receptacles.<br>Keep container tightly sealed. |

|   |                                       |
|---|---------------------------------------|
| 8 | EXPOSURE CONTROLS/PERSONAL PROTECTION |
|---|---------------------------------------|

|                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Engineering Controls:</b>          | Educate and train employees in safe use of this product. Follow all label instruction. Local exhaust should be used to maintain levels below the TLV whenever this product is processed, heated or spray applied. For spray applications, an air-supplied respirator must be worn. All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Personal Protective Equipment:</b> | General protective and hygienic measures:<br>Keep away from foodstuffs, beverages and feed.<br>Immediately remove all soiled and contaminated clothing<br>Wash hands before breaks and at the end of work.<br>Avoid contact with the eyes and skin.<br><br>Respiratory protection:<br>Not required under normal conditions of use.<br>Use suitable respiratory protective device when aerosol or mist is formed.<br>Use suitable respiratory protective device when high concentrations are present.<br><br>Protection of hands:<br>Protective gloves<br>The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.<br>Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.<br>Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.<br>Material of gloves<br>The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.<br>Penetration time of glove material<br>The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.<br>For the permanent contact gloves made of the following materials are suitable:<br>Butyl rubber, BR<br>Neoprene gloves<br><br>Eye protection:<br>Goggles recommended during refilling<br>Safety glasses<br><br>Body protection: Protective work clothing<br><br>Limitation and supervision of exposure into the environment<br>No further relevant information available.<br><br>Risk management measures<br>No further relevant information available. |

**Ingredients with limit values that require monitoring at the workplace:**

None of the components have assigned exposure limits.

|   |                                  |
|---|----------------------------------|
| 9 | PHYSICAL AND CHEMICAL PROPERTIES |
|---|----------------------------------|

|                              |                        |                                                        |                   |
|------------------------------|------------------------|--------------------------------------------------------|-------------------|
| Appearance:                  | Pigmented Liquid       | Odor:                                                  | No data available |
| Physical State:              | Liquid                 | Solubility:                                            | No data available |
| Odor Threshold:              | No data available      | Freezing or Melting Point:                             | No data available |
| Specific Gravity or Density: | 1,26 g/cm <sup>3</sup> | Flash Point:                                           | No data available |
| Viscosity:                   | No data available      | Vapor Density:                                         | No data available |
| Boiling Point:               | 212 °F / 100 °C        | Autoignition Temperature:                              | No data available |
| Partition Coefficient:       | No data available      | Upper Flammability Limit and Lower Flammability Limit: | No data available |
| Vapor Pressure:              | No data available      |                                                        |                   |
| Potentia Hydrogenii:         | 9                      |                                                        |                   |
| Evaporation Rate:            | No data available      |                                                        |                   |
| Decompression Temperature:   | No data available      |                                                        |                   |

|    |                          |
|----|--------------------------|
| 10 | STABILITY AND REACTIVITY |
|----|--------------------------|

|                                    |                                                                                               |
|------------------------------------|-----------------------------------------------------------------------------------------------|
| Reactivity:                        | The product is stable and non-reactive under normal conditions of use, storage and transport. |
| Chemical Stability:                | No decomposition if used and stored according to specifications.                              |
| Conditions to Avoididentification: | Store away from oxidizing agents.                                                             |
| Materials to Avoididentification:  | Reacts with strong acids and oxidizing agents.<br>Reacts with catalysts.                      |
| Hazardous Decomposition:           | Poisonous gases/vapours<br>Nitrogen oxides<br>Carbon monoxide and carbon dioxide              |
| Hazardous Polymerization:          | Will not occur.                                                                               |

|    |                           |
|----|---------------------------|
| 11 | TOXICOLOGICAL INFORMATION |
|----|---------------------------|

· Acute toxicity:

· Primary irritant effect:

· on the skin: Skin irritation may occur with overexposure.

· on the eye: Eye irritation may occur with overexposure.

· Sensitization: No sensitizing effects known.

· Additional toxicological information:

The product is not subject to classification according to internally approved calculation methods for preparations:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

· Carcinogenic categories

· IARC (International Agency for Research on Cancer)

100-42-5 styrene 2B

50-00-0 formaldehyde 1

140-88-5 ethyl acrylate 2B

75-21-8 ethylene oxide 1

123-91-1 1,4-dioxane 2B

· NTP (National Toxicology Program)

100-42-5 styrene R

50-00-0 formaldehyde K

75-21-8 ethylene oxide K

123-91-1 1,4-dioxane R

· OSHA-Ca (Occupational Safety & Health Administration)

50-00-0 formaldehyde

75-21-8 ethylene oxide

|    |                        |
|----|------------------------|
| 12 | ECOLOGICAL INFORMATION |
|----|------------------------|

Toxicity

· Aquatic toxicity: No further relevant information available.

· Persistence and degradability No further relevant information available..

Behavior in environmental systems:

· Bioaccumulative potential No further relevant information available.

· Mobility in soil No further relevant information available.

· Additional ecological information:

· General notes:

Water hazard class 1 (self-assessment): slightly hazardous for water.

Avoid transfer into the environment.

· Results of PBT and vPvB assessment

· PBT: Not applicable.

· vPvB: Not applicable.

· Other adverse effects No further relevant information available.

|    |                         |
|----|-------------------------|
| 13 | DISPOSAL CONSIDERATIONS |
|----|-------------------------|

Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Can be burned with household garbage after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.

Uncleaned packaging

Recommendation: Disposal must be made according to official regulations.

Recommended cleansing agents: Water, if necessary together with cleansing agents.

|    |                       |
|----|-----------------------|
| 14 | TRANSPORT INFORMATION |
|----|-----------------------|

|                                                                         |                 |
|-------------------------------------------------------------------------|-----------------|
| UN-Number DOT, ADR, ADN, IMDG, IATA                                     | N/A             |
| UN proper shipping name DOT, ADR, ADN, IMDG, IATA                       | N/A             |
| Transport hazard class(es) DOT, ADR, ADN, IMDG, IATA Class              | N/A             |
| Packing group DOT, ADR, IMDG, IATA                                      | N/A             |
| Marine pollutant                                                        | No              |
| Special precautions for user                                            | Not applicable. |
| Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |
| UN "Model Regulation"                                                   | ---             |

|    |                        |
|----|------------------------|
| 15 | REGULATORY INFORMATION |
|----|------------------------|

[%] RQ (CAS#) Substance - Reg Codes

[<0.1%] Propanol, [2-(2-methoxymethylethoxy)methylethoxy]- (25498-49-1) TSCA

[<0.1%] 1-Methyl-2-pyrrolidone (872-50-4) GADSL, MASS, NJHS, PA, REACH, SARA313, TSCA

[<0.1%] Styrene (100-42-5) CERCLA, CSWHS, EPCRAWPC, GADSL, HAP, MASS, NJHS, NRC, OSHAWAC, PA, SARA313, TSCA, TXAIR

[<0.1%] Formaldehyde (50-00-0) CERCLA, CSWHS, EHS302, EPCRAWPC, GADSL, HAP, MASS, NJEHS, NJHS, NRC, OSHAHTS, OSHAPSM, PA, PROP65, SARA313, TOXICRCRA, TSCA, TXAIR, TXHWL

[<0.1%] RQ(1000LBS), Ethyl acrylate (140-88-5) CERCLA, HAP, MASS, NJHS, NRC, OSHAWAC, PA, PROP65, SARA313, TOXICRCRA, TSCA, TXAIR, TXHWL

[<0.1%] RQ(10LBS), Ethylene oxide (75-21-8) CERCLA, EHS302, HAP, MASS, NJEHS, NJHS, NRC, OSHAHTS, OSHAPSM, OSHAWAC, PA, PROP65, SARA313, TOXICRCRA, TSCA, TXAIR, TXHWL

[<0.1%] RQ(100LBS), 1,4-Dioxane (123-91-1) CERCLA, HAP, MASS, NJHS, NRC, OSHAWAC, PA, PROP65, SARA313, TOXICRCRA, TSCA, TXAIR, TXHWL



## WARNING

This product can expose you to chemicals including Styrene, Formaldehyde (gas), Ethyl acrylate, Ethylene oxide, and 1,4-Dioxane, which are known to the State of California to cause cancer, and N-Methylpyrrolidone, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## Regulatory Code Legend

RQ = Reportable Quantity  
TSCA = Toxic Substances Control Act  
GADSL = Global Automotive Declarable Substance List (GADSL)  
MASS = MA Massachusetts Hazardous Substances List  
NJHS = NJ Right-to-Know Hazardous Substances  
PA = PA Right-To-Know List of Hazardous Substances  
REACH = REACH List of Substances of Very High Concern (RSL)  
SARA313 = SARA 313 Title III Toxic Chemicals  
CERCLA = Superfund Cleanup Substances  
CSWHS = Clean Water Act Hazardous Substances  
EPCRAWPC = EPCRA Water Priority Chemicals  
HAP = Hazardous Air Pollutants  
NRC = Nationally Recognized Carcinogens  
OSHAWAC = OSHA Workplace Air Contaminants  
TXAIR = TX Air Contaminants with Health Effects Screening Level  
EHS302 = Extremely Hazardous Substance  
NJEHS = NJ Extraordinarily Hazardous Substances  
OSHAHTS = OSHA Hazardous and Toxic Substances  
OSHAPSM = OSHA Chemicals Requiring Process Safety Management  
PROP65 = CA Prop 65  
TOXICRCRA = RCRA Toxic Hazardous Wastes (U-List)  
TXHWL = TX Hazardous Waste List

**NFPA:** Health = 1, Fire = 0, Reactivity = 0, Specific Hazard = n/a  
**HMIS III:** Health = 1, Fire = 0, Physical Hazard = 0

