

# Safety Data Sheet



according to OSHA Hazard Communication  
29 CFR Part 1910.1200

according to Regulation (EC)  
No. 1907/2006 Article 31

## Section 1. Identification

**Product Code:** 985204

**Product Name:** WB RED FAST DRY 1952E 1/2

**Product Type:** WB Paint

**Recommended Use:** Traffic Markings

**Supplied by:** Ennis-Flint  
A Traffic Safety Solutions Company  
115 Todd Court  
Thomasville, NC 27360  
T: 800.331.8118 (For Technical Inquiries)

**Emergency Telephone:** Chemtrec 1-800-424-9300

## Section 2. Hazard(s) identification

**EMERGENCY OVERVIEW:** Sensitizer.

**Classification**

**Symbol(s) of Product**



**Signal Word**  
Warning

**GHS Named Chemicals On Label**  
Benzisothiazolinone, Methanol

### GHS HAZARD STATEMENTS

Skin Sensitizer, category 1	H317	May cause an allergic skin reaction.
Acute Toxicity, Inhalation, category 4	H332	Harmful if inhaled.

### GHS PRECAUTIONARY STATEMENTS

P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P363	Wash contaminated clothing before reuse.

## Section 3. Composition/Information on ingredients

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Wt. %</u>	<u>GHS Symbols</u>	<u>GHS Statements</u>
Methanol	67-56-1	< 5.0	GHS02-GHS06-GHS08	H225-302-330-370
Benzisothiazolinone	2634-33-5	0.1-1.0	GHS05-GHS07	H302-315-317-318

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>EINECS No.</u>	<u>REACH Reg No.</u>	<u>M-Factors</u>
Methanol	67-56-1	200-659-6	01-2119433307-44-XXXX	0
Benzisothiazolinone	2634-33-5	220-120-9	not available	0

The text for GHS Hazard Statements shown above (if any) is given in the "Other information" Section.

## Section 4. First-aid measures



**FIRST AID - INHALATION:** Move to fresh air. Give oxygen or artificial respiration if needed. Consult a physician if symptoms persist.

**FIRST AID - SKIN CONTACT:** Wash affected area immediately with soap and plenty of water. Remove contaminated clothing and launder before reuse. Consult a physician if symptoms persist.

**FIRST AID - EYE CONTACT:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult a physician if symptoms persist.

**FIRST AID - INGESTION:** Do NOT induce vomiting. If conscious, rinse mouth and drink plenty of water. Never give anything by mouth to an unconscious person. Consult a physician.

## Section 5. Fire-fighting measures

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None expected.

**SPECIAL FIREFIGHTING PROCEDURES:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**EXTINGUISHING MEDIA:** Alcohol Foam, Carbon Dioxide, Dry Chemical, Foam, Water Fog

## Section 6. Accidental release measures

**ENVIRONMENTAL PRECAUTIONS:** Avoid release to the environment. For larger spills, cover drains and build dikes to prevent entry into sewer systems or bodies of water.

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Use personal protective equipment. Ensure adequate ventilation. Dike far ahead of liquid spill for later disposal. Soak up with inert absorbent material. Take up mechanically. Keep in suitable and closed containers for disposal.

## Section 7. Handling and storage



**HANDLING:** Ensure adequate ventilation. Avoid breathing vapor, mists or dust. Avoid contact with eyes, skin, and clothing. Wear appropriate personal protective equipment. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Observe good industrial hygiene practices. Avoid dust formation.

**STORAGE:** Keep container tightly closed in a dry and well-ventilated place. Keep in properly labeled containers.

## Section 8. Exposure controls/personal protection

### Ingredients with Occupational Exposure Limits

<u>Chemical Name</u>	<u>ACGIH TLV-TWA</u>	<u>ACGIH-TLV STEL</u>	<u>OSHA PEL-TWA</u>	<u>OSHA PEL-CEILING</u>
Methanol	200 PPM	250 PPM	200 PPM	
Benzisothiazolinone				

<u>Name</u>	<u>Percentage</u>	<u>VME mg/m3</u>	<u>VME ppm</u>	<u>OEL Note</u>
Methanol	2.5-10	266	200	200 PPM



**Further Advice:** MEL = Maximum Exposure Limit OES = Occupational Exposure Standard SUP = Supplier's Recommendation  
Sk = Skin Sensitizer N.E. = Not Established

### Personal Protection



**RESPIRATORY PROTECTION:** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.



**SKIN PROTECTION:** Protective gloves



**EYE PROTECTION:** Safety glasses with side-shields.



**OTHER PROTECTIVE EQUIPMENT:** Eyewash stations, safety showers, ventilation systems.



**HYGIENIC PRACTICES:** When using, do not eat, drink or smoke. Provide regular cleaning of equipment, work area and clothing. Wash hands before breaks and immediately after handling the product. Handle in accordance with good industrial hygiene and safety practice.

## Section 9. Physical and chemical properties

<b>Appearance:</b>	red	<b>Physical State:</b>	Liquid
<b>Odor:</b>	Slight, Ammonia	<b>Odor Threshold:</b>	Not Established
<b>Density, g/cm3:</b>	1.654	<b>pH:</b>	NI
<b>Freeze Point, °C:</b>	NI	<b>Viscosity:</b>	NI
<b>Solubility in Water:</b>	Insoluble	<b>Partition Coefficient, n-octanol/water:</b>	NI
<b>Decomposition Temp., °C:</b>	NI		
<b>Boiling Point, °C:</b>	N.I.	<b>Explosive Limits, vol%:</b>	N.I.
<b>Combustibility:</b>	Does not Support Combustion	<b>Flash Point, °C:</b>	>94
<b>Evaporation Rate:</b>	Slower than Diethyl Ether	<b>Auto-ignition Temp., °C:</b>	NI
<b>Vapor Density:</b>	Heavier than air	<b>Vapor Pressure:</b>	NI

(See "Other information" Section for abbreviation legend)

## Section 10. Stability and reactivity

**STABILITY:** Stable under recommended storage conditions.

**CONDITIONS TO AVOID:** Dust formation. Do not freeze.

**INCOMPATIBILITY:** None known based on information supplied.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon oxides. Nitrogen oxides.

**HAZARDOUS POLYMERIZATION:** Hazardous polymerisation does not occur.

## Section 11. Toxicological information



### Practical Experiences

**EFFECT OF OVEREXPOSURE - INHALATION:** Harmful if inhaled. Inhalation may cause irritation to the respiratory tract (nose, mouth, mucous membranes). Prolonged, repeated or high exposures may cause central nervous system depression leading to headaches, nausea, drowsiness, dizziness, and possibly narcosis. In extreme cases, may cause loss of consciousness. May cause

central nervous system depression with nausea, headache, dizziness, vomiting, and incoordination. Sanding and grinding dust may be harmful if inhaled.

**EFFECT OF OVEREXPOSURE - SKIN CONTACT:** Direct skin contact may cause irritation. May cause allergic skin reaction.

**EFFECT OF OVEREXPOSURE - EYE CONTACT:** Direct eye contact may cause irritation.

**EFFECT OF OVEREXPOSURE - INGESTION:** Ingestion may cause irritation to mucous membranes. May cause gastrointestinal irritation, nausea, vomiting, and diarrhea. May cause gastrointestinal disturbances with dizziness and central nervous system depression.

**EFFECT OF OVEREXPOSURE - CHRONIC HAZARDS:** Inhalation, ingestion, or skin absorption of methanol can cause blindness. Repeated contact may cause allergic reactions.

#### Acute Toxicity Values

The acute effects of this product have not been tested. Data on individual components are tabulated below:

<u>CAS-No.</u>	<u>Name according to EEC</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Gas LC50</u>
67-56-1	Methanol	1187 -2769 mg/kg rat	17100 mg/kg rabbit	128.2 PPM - 4 h rat
2634-33-5	Benzisothiazolinone	1020 mg/kg rat	> 2000 mg/kg	>20001 ppm

N.I. - No Information

## Section 12. Ecological information

**ECOLOGICAL INFORMATION:** The environmental impact of this product has not been fully investigated.

#### Further Ecological Information

Contains the following ingredients which are classified as water dangerous according to EEC directive No. 76/464/EEC in percentages > 1%.

<u>CAS-No.</u>	<u>Name according to EEC</u>	<u>Bio. Conc. Factor (BCF)</u>	<u>Octanol-water par. Coeff (KOW)</u>
67-56-1	Methanol	1	-0.77
2634-33-5	Benzisothiazolinone	not available	not available

## Section 13. Disposal considerations



Product

**DISPOSAL METHOD:** This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). Dispose of contents/ container in accordance with the local/regional/national/international regulations. Do not re-use empty containers.

**European Waste Code:** 080112 waste pait/var.w/o.org. solv/DS

#### Uncleaned Packaging

**European Waste Code:** 150110 packaging dangerous residuals

## Section 14. Transport information

**SPECIAL TRANSPORT PRECAUTIONS:** No Information

#### Road Transport

UN Number:	Not regulated
ADR/RID Class:	Not regulated
Packing Group:	No Information
Shipping Name:	Not regulated
Primary Shipping Hazard:	No Information
Road Tunnel Transport Code:	Not regulated



**Sea Transport**

UN Number:	Not regulated
IMDG/GGVSee Class:	Not regulated
EmS-No:	Not regulated
Packing Group:	No Information
Shipping Name:	Not regulated
Primary Shipping Hazard:	No Information
Marine Pollutant:	Not A Marine Pollutant
Shipping Hazard(Marine Pollutant):	No Information

**Air Transport**

UN Number:	Not regulated
ICAO/IATA Class:	Not regulated
Packing Group:	No Information
Shipping Name:	Not regulated
Primary Shipping Hazard:	No Information

**Section 15. Regulatory information****U.S. Federal Regulations:****CERCLA - SARA Hazard Category**

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Acute Health Hazard, Chronic Health Hazard

**SARA SECTION 313:**

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

<u>Chemical Name</u>	<u>CAS-No.</u>
Methanol	67-56-1
Ammonium hydroxide	1336-21-6

**TOXIC SUBSTANCES CONTROL ACT:**

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

<u>Chemical Name</u>	<u>CAS-No.</u>
Methanol	67-56-1
Iron Oxide Red	1309-37-1
Benzisothiazolinone	2634-33-5
Ethoxylated Octylphenol	9002-93-1
Crystalline Silica, Quartz	14808-60-7
Nonylphenol, ethoxylated	9016-45-9
Ammonium hydroxide	1336-21-6
Sodium hydroxide	1310-73-2

**U.S. State Regulations:****NEW JERSEY RIGHT-TO-KNOW:**

The following materials are non-hazardous, but are among the top five components in this product.

<u>Chemical Name</u>	<u>CAS-No.</u>
Calcium Carbonate	1317-65-3
Water	7732-18-5
Acrylic polymer	9003-01-4

**PENNSYLVANIA RIGHT-TO-KNOW**

The following non-hazardous ingredients are present in the product at greater than 3%.

<u>Chemical Name</u>	<u>CAS-No.</u>
Calcium Carbonate	1317-65-3
Water	7732-18-5
Acrylic polymer	9003-01-4

**CALIFORNIA PROPOSITION 65 CARCINOGENS**

Warning: The following ingredients present in the product are known to the state of California to cause Cancer:

No Proposition 65 Carcinogens exist in this product.

**CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS**

Warning: The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards.

No Proposition 65 Reproductive Toxins exist in this product.

**International Regulations: As follows -****CANADIAN WHMIS:**

This SDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

**WHMIS Class:** D1A, D1B, D2A, D2B

**Denmark**

**B-Value:** 0.000000

**France**

**Storage Conditions:** No Information

**Professional Illness Table:**

<u>CAS Number</u>	<u>Chemical Name</u>	<u>Professional Illness</u>
67-56-1	Methanol	not available
2634-33-5	Benzisothiazolinone	not available

**Germany**

**VbF-Class:** No Information

**WGK-class:** 1

**Remarks:** WGK 0 = in general not a water pollutant  
WGK 1 = weak water pollutant  
WGK 2 = water pollutant  
WGK 3 = severe water pollutant

**Processing restrictions:\***

**Incident Regulation:**

No Information

**Spain****Storage Conditions:** No Information**Switzerland****VOC-Value:** 2.53**United Kingdom****Storage Conditions:** No Information**Section 16. Other information, including date of preparation of the last revision****Revision Date:** 1/18/2016 **Supersedes Date:** 1/4/2016**Reason for revision:** Product Composition Changed**Datasheet produced by:** Regulatory Department**HMIS Ratings:**

<b>Health:</b>	2	<b>Flammability:</b>	1	<b>Reactivity:</b>	0	<b>Personal Protection:</b>	X
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**NFPA Ratings:**

<b>Health:</b>	1	<b>Flammability:</b>	1	<b>Reactivity:</b>	0	<b>Hazards:</b>	N.I.
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**Volatile Organic Compounds, gr/ltr:** 98**Text for GHS Hazard Statements shown in Section 3 describing each ingredient:**

H225	Highly flammable liquid and vapour.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H370	Causes damage to organs.

**Icons for GHS Pictograms shown in Section 3 describing each ingredient:**

GHS02



GHS05



GHS06



GHS07



GHS08



Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined, N.I. - No Information

The information on this sheet corresponds to our present knowledge. It is not a specification and it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage, and use of the product. It is not applicable to unusual or non-standard uses of the product where instructions and recommendations are not followed. Any use of the product not in conformance with this SDS or in combination with any other product or process is the responsibility of the user.