

1. Product and Company Identification

Company : W.R. Meadows
Address : 300 Industrial Drive, Hampshire, Illinois 60140
Telephone : 847.214.2100
Emergency Phone : 800.424.9300 (Chemtrec)
Product Code : CS-309™-30
Product Use : Concrete curing/sealing compound.
Part Number : 3550300

2. Hazards Identification/Exposure Limits

Classification of the substance or mixture:

Classification according to Regulations 29CFR 1910.1200, (EC) No. 1272/2008(CLP)(GHS)

Flam Liq. 3	H226
Acute Tox. 4 (oral)	H302
Asp. Tox. 1	H304
Acute Tox. 4 (dermal)	H312
Skin Irrit. 2	H315
Eye Dam. 1	H318
Acute Tox. 4 (inhalation)	H332
STOT SE 3 Resp Irrit.	H335
STOT SE 3 drowsiness	H336
Carc. 2	H351
STOT RE 2	H373

Full text of H phrases see section 16

Adverse physiochemical, human health and environmental effects: No additional information available.

Label elements

Hazard pictograms:



Signal word: Danger

Hazard statements:

H226	Flammable liquid and vapor.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H351	Suspected of causing cancer.
H373	May cause damage to ears and central nervous system through prolonged or repeated exposure.

Precautionary statements:

Prevention:

P201 Obtain special instructions before use.

2. Hazards Identification/Exposure Limits (cont.)

- P202 Do not handle until all safety precautions have been read and understood.
- P210 Keep away from heat/sparks/open flames/hot surfaces - No smoking.
- P233 Keep container tightly closed.
- P240 Ground/bond container and receiving equipment.
- P241 Use explosion-proof electrical/ventilating/light/equipment.
- P242 Use only non-sparking tools.
- P243 Take precautionary measures against static discharge.
- P260 Do not breathe dust/fume/gas/mist/vapors/spray - avoid direct contact.
- P264 Wash exposed areas thoroughly after handling.
- P270 Do not eat, drink or smoke when using this product.
- P271 Use only outdoors or in a well-ventilated area.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response:

- P301+P330+P310 IF SWALLOWED: Rinse mouth. Immediately call a POISON CENTER or doctor/physician.
- P331 Do NOT induce vomiting.
- P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so - continue rinsing.
- P305+P310 IF IN EYES: Immediately call a POISON CENTER or doctor/physician.
- P308+P313 IF exposed or concerned: Get medical advice/attention.
- P370+P378 In case of fire: Use Dry chemical, foam, carbon dioxide for extinction.

Storage:

- P403+P405+P235 + P233 Store locked up in a cool well ventilated place. Keep container tightly closed.

Disposal:

- P501 Dispose of contents/container in accordance with local, regional, national, and international regulations.

Other hazards: Full text of R, H and EUH phrases: see section 16.

3. Composition/Information On Ingredients

Substances: Not applicable.

Mixture:

Name	Product identifier	%
Xylene	1330-20-7	< 25.0
Hydrotreated Light Distillate	Trade Secret	Trade Secret
Ethylbenzene	100-41-4	< 12.0
1,2,4-Trimethylbenzene	95-63-6	< 2.5
Cumene	98-82-8	< 1.0
1-Butanol	71-36-3	< 7.0

Pursuant to 29CFR 1910.1200(i) the specific chemical identity and/or concentration is being withheld as Trade Secret, while all health and safety properties and effects are included in the SDS.

4. First Aid Procedures

Description of first aid measures

General: Get medical advice/attention if you feel unwell. Never give anything by mouth to an unconscious person.

After inhalation: If the individual experiences nausea, dizziness, has difficulty breathing seek a healthcare professional immediately. In all cases of doubt, or when symptoms persist, seek medical advice.
Remove to fresh air and keep at rest in a position comfortable for breathing.
Immediately call a Poison Center or doctor/physician.

After skin contact: If skin irritation persists, seek medical attention. Remove or take off immediately all contaminated clothing. Rinse skin with water or shower. Wash off immediately with soap and plenty of water.

After eye contact: When contact lenses are worn, remove if possible. In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes while holding eyelids apart.
Get medical attention immediately if symptoms persist.

After ingestion: Rinse mouth. Dilute with liquid unless the individual is unconscious or very drowsy. DO NOT induce vomiting. Get medical attention immediately.

Information for doctor:

Most important symptoms and effects, both acute and delayed:

After inhalation: May cause irritation to the respiratory tract.
Overexposure to vapors may result in headache, nausea, drowsiness or dizziness.

After skin contact: May cause skin irritation or burning sensation.

After eye contact: May cause eye irritation or injury.

After ingestion: May cause severe irritation or burns to the mucous membrane of the mouth, throat, esophagus and stomach.

Indication of any immediate medical attention and special treatment needed: No additional information available.

5. Firefighting Measures

Extinguishing media:

Suitable extinguishing agents: Dry chemical, foam, carbon dioxide.

Unsuitable extinguishing agents: Do not use heavy water stream.

Special hazards arising from the substance or mixture:

Reactivity: Thermal decomposition products may cause a health hazard.

Advice for firefighters:

Firefighting instructions: Flammable Liquid! This material releases vapors when heated above ambient temperatures. Vapors can cause a flash fire. Use water spray or fog to cool exposed containers.

Protective equipment:

Firefighters should always wear self-contained breathing apparatus (SCBA) and full protective gear when fighting any chemical fire.

Additional information: On heating or burning harmful gasses/vapors may be released. This product may cause the floor to become slippery.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:

General measures: Extremely Flammable. Eliminate any ignition sources. Dike or impound spilled material. Use non-sparking tools. All equipment must be grounded. Take proper precautions to ensure your own health and safety before attempting spill control or cleanup.

Protective Equipment: Equip cleanup crew with proper protective equipment.

Environmental precautions: Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

Methods and material for containment and cleaning up: Soak up spills with inert solids, such as clay or diatomaceous earth. Collect into vapor tight containers and dispose of properly.

7. Handling and Storage

Handling:

Precautions for safe handling: Avoid direct contact. Wash hands and other exposed areas with soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in work areas to prevent formation of vapor. When not in use keep containers tightly closed. Avoid breathing vapor or mist.

Hygiene measures: Wash contaminated clothing before reuse.

Conditions for safe storage, including any incompatibilities:

Storage:

Conditions: Store in accordance with local regulations. Store in original container in a cool well ventilated place away from heat, sparks and open flame. Keep containers tightly closed until ready for use.

Incompatible materials: Strong oxidizing agents.

Storage temperature: Store in a cool dry environment away from sources of ignition.

8. Exposure Controls/Personal Protection

Control parameters

Occupational exposure limits	
Chemical name	Occupational exposure limits ACGIH TLV (United States)
Xylene	TWA: 100 ppm
Aromatic Naphtha	TWA: N/E
1,2,4-Trimethylbenzene	TWA: 25 ppm
Ethylene Glycol Mono-butyl Ether Acetate	TWA: N/E

N/E = Not Established

Exposure controls:

Appropriate engineering controls: Use with adequate ventilation to keep product vapor concentrations below specified TLV.

Eye and face protection: Chemical goggles and/or face shields are required to prevent potential eye contact, irritation or injury.

Skin protection: Wear chemical resistant gloves and appropriate protective clothing and boots as required to prevent skin contact. Wash exposed skin frequently with soap and water. Soiled clothing should be laundered before reuse.

Respiratory protection: General room ventilation is normally adequate. Avoid breathing the product mist or vapors. The use of an appropriate respirator is recommended whenever the airborne concentrations exceed the TLV.

9. Physical and Chemical Properties

Information on basic physical and chemical properties:

Appearance:	Clear liquid.	Relative evaporation rate:	<1 (Ether=1)
Odor:	Solvent.	Flammability:	Not determined.
Odor threshold:	Not determined.	Explosive limits:	
pH-level:	Not established.	Lower:	No data available.
Change in condition		Upper:	No data available.
Melting point:	Not determined.	Vapor pressure:	Not determined.
Freezing point:	Not determined.	Vapor density:	>1 (air=1).
Boiling point:	322°F	Relative density	Not determined.
Flash point:	105°F (estimate)		

9. Physical and Chemical Properties (cont.)

Solubility:	Not determined.	VOC content:	Less than 700 g/l.
Partition coefficient (n-octanol/water):	Not determined.	Weight per gallon:	7.80
Auto-ignition temperature:	Not determined.		
Viscosity:	Not determined.		

10. Stability/Reactivity

Reactivity: No additional information available.

Chemical stability: Stable under normal conditions.

Possibility of hazardous reactions: Hazardous polymerization will not occur.

Conditions to avoid: Extreme high or low temperatures.

Incompatible materials: Strong acids and oxidizers. Strong alkalis.

Hazardous decomposition products: Carbon monoxide, carbon dioxide, various hydrocarbon derivatives. Incomplete combustion products.

11. Toxicological Information

Information on toxicological effects:

Acute toxicity: No adverse effects expected under intended use.

Irritation/Corrosion:

On the skin: May cause slight skin irritation. Prolonged/repeated contact may result in irritation/dermatitis

On the eye: May cause mild to moderate irritation. Product vapors/mists may also cause irritation.

Respiration or skin sensitization: May cause respiratory irritation.

Germ cell mutagenicity: No data available.

Carcinogenicity	IARC	NTP
Xylene	3	
Ethylbenzene	2B	
Cumene	2B	Reasonably Anticipated To Be Human Carcinogen

2B - Limited evidence in humans and less than sufficient evidence in animals.

3 - Inadequate in humans and inadequate or limited in animals.

Reproductive toxicity: No data available.

Specific target organ toxicity

Single exposure: No data available.

Repeated exposure: No data available.

Aspiration hazard: May be fatal if swallowed and enters airways.

Aggravated medical conditions: Pre-existing skin, eye, and respiratory disorders may be aggravated by exposure to this product.

Other health effects: Ethylene Glycol Monobutyl Ether has been shown to cause the following effects in laboratory animals: mild reversible liver/kidney effects, blood abnormalities, cancer, and harm to the fetus. The relevance to humans is uncertain.

12. Ecological Information

Ecotoxicity: Not established.
Persistence and degradability: Not established.
Bioaccumulative potential: Not established.
Mobility in soil: Not established.
Other adverse effects: None recognized.

13. Waste Disposal Information

Waste treatment methods: Fuel blending at a permitted waste disposal facility. Product is a hazardous waste.

14. Transportation Information

Hazardous/non-hazardous material: Not regulated by DOT.
UN-Number: None
UN proper shipping name: N/A
Transport hazard class(es): N/A
Packing group: N/A
Environmental hazards: None recognized.
Special precautions for user: None.
Bulk transport information: None.

15. Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture:
United States (U.S.A.):

Section 313: Contains the following ingredients at or above the reporting level requirements of Section 313. This information must be included in all SDS's copied or distributed for this material.

Chemical:	CAS #	% by Weight	SARA 313	Vapor Pressure (mm Hg@20°C)	LEL (@25°C)
Xylene	1330-20-7	1-5	Yes	6.6	1.1
Aromatic Naphtha	64742-95-6	45-50	No	<10 @ 25°C	0.9
1,2,4-Trimethylbenzene	95-63-6	15-20	Yes	N/E	0.9
Ethylene Glycol Mono-butyl Ether Acetate	112-07-2	1-5	Yes	0.29	0.50 @ 93°C

Under the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1966 (SARA) and 40 CFR Part 372, chemicals listed on the 313 List (40 CFR Part 373.65) are identified under the heading "SARA 313."

TSCA: All ingredients are listed or exempted.
Proposition 65: This product contains one or more chemicals known to the State of California to cause cancer and/or reproductive toxicity.

15.1.3 Canada Regulations: This SDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by the CPR.

DSL: All ingredients are listed or exempted.

WHMIS:

Chemical safety assessment: A chemical safety assessment has not been carried out.

16. Other Information

Reference Documentation: The information contained herein is based on data available to the manufacturer and is believed to be correct. Since this information may have been obtained in part from independent laboratories or other sources not under our direct supervision, no representation is made that the information is accurate, reliable, complete or representative and buyer may rely thereon only at buyers risk. The manufacturer has made no effort to censor or to conceal deleterious aspects of this product. Further since the manufacturer cannot anticipate or control the many different conditions under which this information or its products may be used, no guarantee is made that the health and/or safety precautions suggested will be adequate for all individuals and/or situations involving its handling or use. Likewise, no guarantee or warranty of any kind is made that the use or disposal of this product is in compliance with all federal, state or local laws. It is the obligation of each user of the product mentioned herein to determine and comply with the requirements of all applicable statutes.

Disclaimer: The information in this document is believed to be correct as of the date issued. HOWEVER, NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR ANY WARRANTY IS EXPRESSED OR IS TO BE IMPLIED REGARDING THE ACCURACY OR COMPLETENESS OF THIS INFORMATION OR THE PRODUCT, THE SAFETY OF THIS PRODUCT, OR THE HAZARDS RELATED TO ITS USE. This information and product are furnished on the condition that the person receiving them shall make his own determination as to the suitability of the product for his/her particular purpose and on the condition that he/she assumes the risk of this use thereof.

Full text of R, H and EUH phrases:

Flam Liq. 3	H226	Acute Tox. 4 (inhalation)	H332
Acute Tox. 4 (oral)	H302	STOT SE 3 Resp Irrit.	H335
Asp. Tox. 1	H304	STOT SE 3 drowsiness	H336
Acute Tox. 4 (dermal)	H312	Carc. 2	H351
Skin Irrit. 2	H315	STOT RE 2	H373
Eye Dam. 1	H318		

H226	Flammable liquid and vapor.	Flam Liq. 3
H302	Harmful if swallowed.	
H304	May be fatal if swallowed and enters airways.	
H312	Harmful in contact with skin.	
H315	Causes skin irritation.	
H318	Causes serious eye damage.	
H332	Harmful if inhaled.	
H335	May cause respiratory irritation.	
H336	May cause drowsiness or dizziness.	
H351	Suspected of causing cancer.	
H373	May cause damage to ears and central nervous system through prolonged or repeated exposure.	
P201	Obtain special instructions before use.	
P202	Do not handle until all safety precautions have been read and understood.	
P210	Keep away from heat/sparks/open flames/hot surfaces - No smoking.	
P233	Keep container tightly closed.	
P240	Ground/bond container and receiving equipment.	
P241	Use explosion-proof electrical/ventilating/light/equipment.	
P242	Use only non-sparking tools.	
P243	Take precautionary measures against static discharge.	
P260	Do not breathe dust/fume/gas/mist/vapors/spray.	
P264	Wash exposed areas thoroughly after handling.	
P270	Do not eat, drink or smoke when using this product.	
P271	Use only outdoors or in a well-ventilated area.	
P280	Wear protective gloves/protective clothing/eye protection/face protection.	
P301+P330+P310	IF SWALLOWED: Rinse mouth. Immediately call a POISON CENTER or doctor/physician.	

16. Other Information (cont.)

P331	Do NOT induce vomiting.
P303+P361+P353	IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so -continue rinsing.
P305+P310	IF IN EYES: Immediately call a POISON CENTER or doctor/physician.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P370+P378	In case of fire: Use dry chemical, foam, carbon dioxide for extinction.
P403+P405+P235+P233	Store locked up in a cool well ventilated place. Keep container tightly closed.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.