

# Safety Data Sheet

## WALLTITE® LWP W RESIN

Revision date : 2024/07/19

Version: 5.0

Page: 1/12

(30755605/SDS\_GEN\_US/EN)

### 1. Identification

#### Product identifier used on the label

## WALLTITE® LWP W RESIN

#### Recommended use of the chemical and restriction on use

Recommended use\*: polyurethane component; industrial chemicals

Suitable for use in industrial sector: Polymers industry; chemical industry

Unsuitable for use: Uses other than recommended

\* The "Recommended use" identified for this product is provided solely to comply with a Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

#### Details of the supplier of the safety data sheet

##### Company:

BASF CORPORATION

100 Park Avenue

Florham Park, NJ 07932, USA

Telephone: +1 973 245-6000

#### Emergency telephone number

#### 24 Hour Emergency Response Information

CHEMTREC: 1-800-424-9300

BASF HOTLINE: 1-800-832-HELP (4357)

#### Other means of identification

Chemical family: resin

Synonyms: Urethane System Resin Component

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### 2. Hazards Identification

#### According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

#### Classification of the product

Eye Dam.	1	Serious eye damage
Skin Irrit.	2	Skin irritation
Carc.	2	Carcinogenicity
Repr.	2 (unborn child)	Reproductive toxicity

# Safety Data Sheet

## WALLTITE® LWP W RESIN

Revision date: 2024/07/19

Version: 5.0

Page: 2/12

(30755605/SDS\_GEN\_US/EN)

### Label elements

Pictogram:



Signal Word:

Danger

Hazard Statement:

H318 Causes serious eye damage.  
H315 Causes skin irritation.  
H351 Suspected of causing cancer.  
H361 Suspected of damaging the unborn child.

Precautionary Statements (Prevention):

P280 Wear protective gloves, protective clothing and eye protection or face protection.  
P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read and understood.  
P264 Wash contaminated body parts thoroughly after handling.

Precautionary Statements (Response):

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 Immediately call a POISON CENTER or physician.  
P308 + P313 IF exposed or concerned: Get medical attention.  
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
P362 + P364 Take off contaminated clothing and wash it before reuse.

Precautionary Statements (Storage):

P405 Store locked up.

Precautionary Statements (Disposal):

P501 Dispose of contents/container in accordance with local regulations.

### Hazards not otherwise classified

No specific dangers known, if the regulations/notes for storage and handling are considered.

## 3. Composition / Information on Ingredients

### According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

Oxirane, 2-methyl-, polymer with oxirane, ether with 2,6-bis[[bis(2-hydroxyethyl)amino]methyl]-4-branched nonylphenol

CAS Number: 940912-28-7

Content (W/W): >= 20.0 - < 50.0%

Synonym: (POLYMER) Oxirane, 2-methyl-, polymer with oxirane, ether with 2,6-bis[[bis(2-hydroxyethyl)amino]methyl]-4-branched nonylphenol

# Safety Data Sheet

## WALLTITE® LWP W RESIN

Revision date: 2024/07/19

Version: 5.0

Page: 3/12

(30755605/SDS\_GEN\_US/EN)

### Alkyl halide Phosphate

CAS Number: Trade Secret  
Content (W/W): >= 7.0 - < 15.0%  
Synonym: No data available.

### 2-Butene, 1,1,1,4,4,4-hexafluoro-, (2Z)-

CAS Number: 692-49-9  
Content (W/W): >= 7.0 - < 10.0%  
Synonym: No data available.

### 2-dimethylaminoethanol

CAS Number: 108-01-0  
Content (W/W): >= 0.3 - < 3.0%  
Synonym: N,N-Dimethyl(2-hydroxyethyl)amine; 2(Dimethylamino)ethanol, Deanol

### Hydroxyalkyl ether

CAS Number: Trade Secret  
Content (W/W): >= 1.0 - < 5.0%  
Synonym: No data available.

### Ethylene oxide, polymer with 2,2'-iminodiethanol and propylene oxide

CAS Number: 34354-45-5  
Content (W/W): > 0.0 - < 3.0%  
Synonym: (POLYMER) Ethylene oxide, polymer with 2,2'-iminodiethanol and propylene oxide

### Tertiary Amine

CAS Number: Trade Secret  
Content (W/W): >= 0.3 - < 3.0%  
Synonym: No data available.

### 2-((2-(dimethylamino)ethyl)methylamino)ethanol

CAS Number: 2212-32-0  
Content (W/W): >= 0.3 - < 3.0%  
Synonym: 2-[[2-(Dimethylamino)ethyl]methylamino]ethanol

### Hexanoic acid, 2-ethyl-, bismuth(3+) salt

CAS Number: 67874-71-9  
Content (W/W): >= 0.3 - < 3.0%  
Synonym: No data available.

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## 4. First-Aid Measures

### Description of first aid measures

#### General advice:

Remove contaminated clothing.

#### If inhaled:

Keep patient calm, remove to fresh air, seek medical attention. Immediately administer a corticosteroid from a controlled/metered dose inhaler.

#### If on skin:

Immediately wash thoroughly with plenty of water, apply sterile dressings, consult a skin specialist.

# Safety Data Sheet

## WALLTITE® LWP W RESIN

Revision date: 2024/07/19

Version: 5.0

Page: 4/12

(30755605/SDS\_GEN\_US/EN)

### If in eyes:

Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

Remove contact lenses, if present. Immediate medical attention required.

### If swallowed:

Rinse mouth and then drink 200-300 ml of water. Do not induce vomiting. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions. Immediate medical attention required.

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

Symptoms: corneal injury, skin irritation, Further symptoms are possible

Information, i.e. additional information on symptoms and effects may be included in the GHS labeling phrases available in Section 2 and in the Toxicological assessments available in Section 11.

*Information on: Alkyl halide Phosphate*

*Symptoms: Overexposure may cause: convulsions, depression, hypoxemia, tremors*

*Information on: Hydroxyalkyl ether*

*Symptoms: Overexposure may cause: vomiting, coma, abdominal cramps, lethargy, nausea, diarrhea, headache*

*Information on: Blowing Agent*

*Symptoms: Overexposure may cause: headache, dizziness, unconsciousness, cardiac arrhythmias*

*Information on: Hexanoic acid, 2-ethyl-, bismuth(3+) salt*

*Symptoms: Overexposure may cause: corneal injury, skin corrosion, severe pain, coughing, respiratory disorders, dyspnea, nausea, headache, vomiting, dizziness, diarrhea, abdominal cramps*

*Information on: Tertiary Amine*

*Symptoms: Overexposure may cause: corneal injury, skin corrosion, severe pain, coughing, respiratory disorders, dyspnea, nausea, headache, vomiting, dizziness, diarrhea, abdominal cramps*

*Information on: 2-dimethylaminoethanol*

*Symptoms: Overexposure may cause: dyspnea, restlessness, coughing, headache*

*Information on: 2-((2-(dimethylamino)ethyl)methylamino)ethanol*

*Symptoms: Overexposure may cause: corneal injury, skin corrosion, severe pain, coughing, respiratory disorders, dyspnea, nausea, headache, vomiting, dizziness, diarrhea, abdominal cramps*

Hazards: Symptoms can appear later.

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

#### Note to physician

Treatment:

Treat according to symptoms (decontamination, vital functions), no known specific antidote.

# Safety Data Sheet

## WALLTITE® LWP W RESIN

Revision date: 2024/07/19

Version: 5.0

Page: 5/12

(30755605/SDS\_GEN\_US/EN)

### 5. Fire-Fighting Measures

#### Extinguishing media

Suitable extinguishing media:  
water spray, dry powder, carbon dioxide, foam

Unsuitable extinguishing media for safety reasons:  
water jet

#### Special hazards arising from the substance or mixture

Hazards during fire-fighting:  
No particular hazards known.

#### Advice for fire-fighters

Protective equipment for fire-fighting:  
Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

#### Further information:

Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

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### 6. Accidental release measures

Further accidental release measures:  
High risk of slipping due to leakage/spillage of product.

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

Use personal protective clothing.

#### Environmental precautions

Do not empty into drains. Do not discharge into the subsoil/soil.

#### Methods and material for containment and cleaning up

Spills should be contained, solidified, and placed in suitable containers for disposal.

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### 7. Handling and Storage

#### Precautions for safe handling

Ensure thorough ventilation of stores and work areas. Avoid inhalation of mists/vapours. When using do not eat, drink or smoke. Wear suitable gloves and eye/face protection. Protect against moisture.

Protection against fire and explosion:  
No special precautions necessary.

#### Conditions for safe storage, including any incompatibilities

Segregate from foods and animal feeds.

Suitable materials for containers: Carbon steel (Iron), High density polyethylene (HDPE), Low density polyethylene (LDPE), Stainless steel 1.4301 (V2)

Further information on storage conditions: From this information no suitability of the materials mentioned above for the design of installations, including containers for permanent storage, can be

# Safety Data Sheet

## WALLTITE® LWP W RESIN

Revision date: 2024/07/19

Version: 5.0

Page: 6/12

(30755605/SDS\_GEN\_US/EN)

inferred. Special conditions apply to the selection of materials in this regard, which we can communicate on request.

Containers should be stored tightly sealed in a dry place.

**Storage stability:**

Storage temperature: 16 - 27 °C

Protect against moisture.

The stated storage temperature is noted for health and safety in the workplace. With regard to Quality, please refer to the product specific Technical Bulletin.

## 8. Exposure Controls/Personal Protection

No occupational exposure limits known.

**Advice on system design:**

Provide local exhaust ventilation to control vapours/mists.

### Personal protective equipment

**Respiratory protection:**

Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator as needed.

**Hand protection:**

Chemical resistant protective gloves, Protective glove selection must be based on the user's assessment of the workplace hazards.

**Eye protection:**

Wear face shield or tightly fitting safety goggles (chemical goggles) if splashing hazard exists.

**Body protection:**

Standard work clothes and shoes., Body protection must be chosen based on level of activity and exposure.

**General safety and hygiene measures:**

Avoid contact with skin and eyes. Handle in accordance with good industrial hygiene and safety practice. Wear protective clothing as necessary to prevent contact. Avoid inhalation of vapours/mists. Wash soiled clothing immediately. Do not eat, drink or use tobacco while working. Wash thoroughly after handling.

## 9. Physical and Chemical Properties

Form:	liquid
Odour:	amine-like
Odour threshold:	No applicable information available.
Colour:	brown
pH value:	>= 7.0
Freezing point:	0.00 °C
Melting point:	No data available.
Boiling point:	100.00 °C
Sublimation point:	No applicable information available.
Flash point:	> 200.00 °F
Flammability:	not flammable
	(closed cup) (derived from flash point)

# Safety Data Sheet

## WALLTITE® LWP W RESIN

Revision date: 2024/07/19

Version: 5.0

Page: 7/12

(30755605/SDS\_GEN\_US/EN)

Lower explosion limit:	For liquids not relevant for classification and labelling. The lower explosion point may be 5 - 15 °C below the flash point.
Upper explosion limit:	For liquids not relevant for classification and labelling.
Autoignition:	> 250 °C
Vapour pressure:	< 0.1 hPa ( 25 °C)
Density:	1.2000 g/cm <sup>3</sup> ( 20.00 °C)
Relative density:	No applicable information available.
Vapour density:	No applicable information available.
Partitioning coefficient n-octanol/water (log Pow):	Unspecified
Self-ignition temperature:	not self-igniting
Thermal decomposition:	No decomposition if stored and handled as prescribed/indicated.
Viscosity, dynamic:	720.000 mPa.s ( 25.00 °C)
Viscosity, kinematic:	not determined
Solubility in water:	slightly soluble
Solubility (quantitative):	No applicable information available.
Solubility (qualitative):	No applicable information available.
Molar mass:	No data available.
Evaporation rate:	Value can be approximated from Henry's Law Constant or vapor pressure.
Other Information:	If necessary, information on other physical and chemical parameters is indicated in this section.

## 10. Stability and Reactivity

### Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

Corrosion to metals:

No corrosive effect on metal.

Oxidizing properties:

Not an oxidizer.

### Chemical stability

The product is chemically stable.

### Possibility of hazardous reactions

No hazardous reactions if stored and handled as prescribed/indicated.

### Conditions to avoid

Temperature: < 0 degrees Celsius

### Incompatible materials

acids, oxidizing agents, isocyanates

# Safety Data Sheet

## WALLTITE® LWP W RESIN

Revision date: 2024/07/19

Version: 5.0

Page: 8/12

(30755605/SDS\_GEN\_US/EN)

### Hazardous decomposition products

Decomposition products:

Hazardous decomposition products: carbon monoxide, carbon dioxide, nitrogen oxide, hydrogen cyanide

Thermal decomposition:

No decomposition if stored and handled as prescribed/indicated.

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## 11. Toxicological information

### Primary routes of exposure

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

### Acute Toxicity/Effects

#### Oral

Type of value: ATE

Value: > 4,050 mg/kg

The product has not been tested. The statement has been derived from the properties of the individual components.

#### Inhalation

No applicable information available.

#### Dermal

No applicable information available.

#### Assessment other acute effects

Assessment of STOT single:

Based on the available information there is no specific target organ toxicity to be expected after a single exposure.

Origin of data: expert judgement

#### Irritation / corrosion

Assessment of irritating effects: Skin contact causes irritation. May cause severe damage to the eyes.

#### *Information on: 2-dimethylaminoethanol*

Assessment of irritating effects: Corrosive! Damages skin and eyes.

#### *Information on: 2-((2-(dimethylamino)ethyl)methylamino)ethanol*

Assessment of irritating effects: Corrosive! Damages skin and eyes.

#### *Information on: Hexanoic acid, 2-ethyl-, bismuth(3+) salt*

Assessment of irritating effects: Skin contact causes irritation. May cause severe damage to the eyes.

#### *Information on: Tertiary Amine*

# Safety Data Sheet

## WALLTITE® LWP W RESIN

Revision date: 2024/07/19

Version: 5.0

Page: 9/12

(30755605/SDS\_GEN\_US/EN)

**Assessment of irritating effects:** Skin contact causes irritation. May cause severe damage to the eyes.

### Sensitization

Assessment of sensitization: The chemical structure does not suggest a sensitizing effect. No applicable information available.

### Aspiration Hazard

No aspiration hazard expected.

## Chronic Toxicity/Effects

### Repeated dose toxicity

Assessment of repeated dose toxicity: Based on available data, the classification criteria are not met.

### *Information on: Hydroxyalkyl ether*

*Assessment of repeated dose toxicity: The substance may cause damage to the kidney after repeated ingestion of high doses, as shown in animal studies. The substance may cause damage to the liver after repeated ingestion of high doses, as shown in animal studies. The effects were only observed at doses/concentrations not relevant for classification and/or practical use conditions. These effects are not relevant to humans at occupational levels of exposure.*

### Genetic toxicity

Assessment of mutagenicity: The chemical structure does not suggest a specific alert for such an effect. No applicable information available.

### Carcinogenicity

Assessment of carcinogenicity: Indication of possible carcinogenic effect in animal tests.

### *Information on: Alkyl halide Phosphate*

*Assessment of carcinogenicity: Indication of possible carcinogenic effect in animal tests.*

### Reproductive toxicity

Assessment of reproduction toxicity: The chemical structure does not suggest a specific alert for such an effect. No applicable information available.

### Teratogenicity

Assessment of teratogenicity: Indications of possible developmental toxicity/teratogenicity were seen in animal studies.

### *Information on: Hexanoic acid, 2-ethyl-, bismuth(3+) salt*

*Assessment of teratogenicity: Indications of possible developmental toxicity/teratogenicity were seen in animal studies. The product has not been tested. The statement has been derived from the properties of the individual components.*

### Other Information

The product has not been tested. The statement has been derived from the properties of the individual components.

### Medical conditions aggravated by overexposure

# Safety Data Sheet

## WALLTITE® LWP W RESIN

Revision date: 2024/07/19

Version: 5.0

Page: 10/12  
(30755605/SDS\_GEN\_US/EN)

Data available do not indicate that there are medical conditions that are generally recognized as being aggravated by exposure to this substance/product.

## 12. Ecological Information

### Toxicity

Aquatic toxicity

Assessment of aquatic toxicity:

There is a high probability that the product is not acutely harmful to aquatic organisms. The product has not been tested. The statement has been derived from the properties of the individual components.

### Persistence and degradability

Assessment biodegradation and elimination (H<sub>2</sub>O)

Poorly biodegradable.

Elimination information

Poorly biodegradable.

### Bioaccumulative potential

Assessment bioaccumulation potential

Does not significantly accumulate in organisms.

### Mobility in soil

Assessment transport between environmental compartments

Adsorption to solid soil phase is not expected.

### Additional information

Adsorbable organically-bound halogen(AOX):

This product contains no organically-bound halogen.

Other ecotoxicological advice:

Do not allow to enter soil, waterways or waste water channels. Inhibition of degradation activity in activated sludge is not to be anticipated during correct introduction of low concentrations. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

## 13. Disposal considerations

### Waste disposal of substance:

Incinerate or dispose of in a licensed facility. Do not discharge substance/product into sewer system.

### Container disposal:

Do not reuse empty containers. Under no circumstances should empty drums be burned or cut open with gas or electric torch as toxic decomposition products may be liberated. Steel drums must be emptied and can be sent to a licensed drum reconditioner for reuse, a scrap metal dealer or an approved landfill. Do not attempt to refill or clean containers since residue is difficult to remove.

# Safety Data Sheet

## WALLTITE® LWP W RESIN

Revision date: 2024/07/19

Version: 5.0

Page: 11/12  
(30755605/SDS\_GEN\_US/EN)

### 14. Transport Information

#### Land transport

USDOT

Not classified as a dangerous good under transport regulations

#### Sea transport

IMDG

Not classified as a dangerous good under transport regulations

#### Air transport

IATA/ICAO

Not classified as a dangerous good under transport regulations

### 15. Regulatory Information

#### Federal Regulations

##### **Registration status:**

Chemical                    TSCA, US    released; restriction on use / listed

TSCA § 5(a) final Significant New Use Restriction (SNUR)

This product is subject to a Significant New Use Rule [SNUR] under 40 CFR part 721.80 and cannot be used in a consumer product.

40 CFR 721.10830

**EPCRA 311/312 (Hazard categories):** Refer to SDS section 2 for GHS hazard classes applicable for this product.

#### State regulations

<u>State RTK</u>	<u>CAS Number</u>	<u>Chemical name</u>
NJ	108-01-0	2-dimethylaminoethanol
PA	108-01-0	2-dimethylaminoethanol
	Trade Secret	Hydroxylalkyl ether
	25265-71-8	dipropylene glycol
	50-00-0	Formaldehyde
	123-91-1	1,4-dioxane

#### **Safe Drinking Water & Toxic Enforcement Act, CA Prop. 65:**

**WARNING:** This product can expose you to chemicals including 1,4-DIOXANE, which is known to the State of California to cause cancer. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

#### **NFPA Hazard codes:**

Health: 3                    Fire: 1                    Reactivity: 1                    Special:

#### **HMIS III rating**

Health: 3¤                    Flammability: 1                    Physical hazard: 1

# Safety Data Sheet

## WALLTITE® LWP W RESIN

Revision date: 2024/07/19

Version: 5.0

Page: 12/12

(30755605/SDS\_GEN\_US/EN)

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### 16. Other Information

#### SDS Prepared by:

BASF NA Product Regulations  
SDS Prepared on: 2024/07/19

We support worldwide Responsible Care® initiatives. We value the health and safety of our employees, customers, suppliers and neighbors, and the protection of the environment. Our commitment to Responsible Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our products, and minimizing the impact of our operations on society and the environment during production, storage, transport, use and disposal of our products.

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END OF DATA SHEET