

# Safety Data Sheet

## Versamid® 140

Revision date : 2015/03/06

Page: 1/9

Version: 2.0

(50223147/SDS\_GEN\_US/EN)

### 1. Identification

#### Product identifier used on the label

**Versamid® 140**

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

\* The "Recommended use" identified for this product is provided solely to comply with a US 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

CHEMTREC: 1-800-424-9300  
BASF HOTLINE: 1-800-832-HELP (4357)

#### Other means of identification

Synonyms: Polyamide Resin

---

### 2. Hazards Identification

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

#### Classification of the product

Skin Corr./Irrit.	1B	Skin corrosion/irritation
Eye Dam./Irrit.	1B	Serious eye damage/eye irritation

#### Label elements

Pictogram:



# Safety Data Sheet

## Versamid® 140

Revision date : 2015/03/06  
Version: 2.0

Page: 2/9  
(50223147/SDS\_GEN\_US/EN)

Signal Word:  
Danger

Hazard Statement:  
H314 Causes severe skin burns and eye damage.

Precautionary Statements (Prevention):

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P260 Do not breathe dust or mist.

P264 Wash with plenty of water and soap 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 doctor/physician.

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P301 + P330 + P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

Precautionary Statements (Storage):

P405 Store locked up.

Precautionary Statements (Disposal):

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

**According to Regulation 1994 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200**

### Emergency overview

CAUTION:

Causes skin irritation.

Risk of serious damage to eyes.

Skin sensitizer.

Use with local exhaust ventilation.

Wear suitable protective clothing, gloves and eye/face protection.

Wear full face shield if splashing hazard exists.

### 3. Composition / Information on Ingredients

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

<u>CAS Number</u>	<u>Content (W/W)</u>	<u>Chemical name</u>
112-24-3	>= 5.0 - <= 10.0 %	triethylenetetramine

**According to Regulation 1994 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200**

<u>CAS Number</u>	<u>Content (W/W)</u>	<u>Chemical name</u>
68082-29-1	>= 90.0 - <= 95.0 %	Fatty acids, C18-unsatd., dimers, polymers with tall-oil fatty acids and triethylenetetramine
112-24-3	>= 5.0 - <= 10.0 %	triethylenetetramine

# Safety Data Sheet

## Versamid® 140

Revision date : 2015/03/06  
Version: 2.0

Page: 3/9  
(50223147/SDS\_GEN\_US/EN)

---

### 4. First-Aid Measures

#### Description of first aid measures

**General advice:**

If adverse health effects develop seek medical attention.

**If inhaled:**

Fresh air.

**If on skin:**

After contact with skin, wash immediately with plenty of water. Change contaminated clothing and shoes.

**If in eyes:**

Hold eyelids open to facilitate rinsing. Flush immediately with water for 20-30 minutes. Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist. Washing within one minute is essential to achieve maximum effectiveness. Immediate medical attention required.

**If swallowed:**

Do not induce vomiting. If vomiting occurs naturally, keep airway clear. Obtain medical attention. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions.

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

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

---

### 5. Fire-Fighting Measures

#### Extinguishing media

Suitable extinguishing media:  
carbon dioxide, foam, dry powder

Unsuitable extinguishing media for safety reasons:  
Unknown

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

**Advice for fire-fighters**

Protective equipment for fire-fighting:  
Wear a self-contained breathing apparatus.

**Further information:**

If exposed to fire, keep containers cool by spraying with water.

---

### 6. Accidental release measures

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

Wear protective gloves. Wear suitable protective clothing.

# Safety Data Sheet

## Versamid® 140

Revision date : 2015/03/06  
Version: 2.0

Page: 4/9  
(50223147/SDS\_GEN\_US/EN)

### Environmental precautions

Prevent further leakage or spillage.

### Methods and material for containment and cleaning up

Spills should be contained and placed in suitable containers for disposal. If solid: Contain and collect mechanically and dispose of in accordance with local regulations. If liquid: Pick up with inert absorbent material (e.g. sand, earth etc.).

---

## 7. Handling and Storage

### Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Protection against fire and explosion:

Avoid all sources of ignition: heat, sparks, open flame.

### Conditions for safe storage, including any incompatibilities

Further information on storage conditions: Keep container tightly sealed. Keep container in a well-ventilated place.

Protect from temperatures below: 0 °C

Protect from temperatures above: 40 °C

---

## 8. Exposure Controls/Personal Protection

### Advice on system design:

Ensure adequate ventilation.

### Personal protective equipment

#### Respiratory protection:

Wear respiratory protection if ventilation is inadequate.

#### Hand protection:

Chemical resistant protective gloves

#### Eye protection:

Tightly fitting safety goggles (splash goggles) (e.g. EN 166) Wear face shield if splashing hazard exists.

#### Body protection:

Suitable materials

---

## 9. Physical and Chemical Properties

Form:

liquid

Odour:

ammonia-like

Colour:

amber

pH value:

not soluble

# Safety Data Sheet

## Versamid® 140

Revision date : 2015/03/06  
Version: 2.0

Page: 5/9  
(50223147/SDS\_GEN\_US/EN)

solidification temperature:	15 - 20 °C	See user defined text.
boiling temperature:	> 200 °C	
Flash point:	> 185 °C	(ASTM D92)
Flammability:	not flammable not self-igniting	
<i>Information on: triethylenetetramine</i>		
Autoignition:	335 °C	(DIN 51794) Literature data.
-----		
Vapour pressure:	< 1 Pa	( 20 °C)
Density:	approx. 0.97 g/cm3	( 25 °C)
Relative density:	0.97	( 25 °C)
Self-ignition temperature:		not self-igniting
Thermal decomposition:	No decomposition if stored and handled as prescribed/indicated.	
Viscosity, dynamic:	300 - 600 mPa*s	(ASTM D 3236-88)
	450 mPa*s	( 75 °C)
Solubility in water:		( 20 °C) insoluble

## 10. Stability and Reactivity

### Reactivity

### Chemical stability

### Possibility of hazardous reactions

Reacts with acids and strong oxidizing agents.

### Conditions to avoid

### Incompatible materials

None known during use and storage if used according to instructions.

### Hazardous decomposition products

Thermal decomposition:

No decomposition if stored and handled as prescribed/indicated.

## 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.

#### Primary routes of entry

Inhalation.

Dermal contact.

Ingestion.

### Acute Toxicity/Effects

#### Acute toxicity

# Safety Data Sheet

## Versamid® 140

Revision date : 2015/03/06  
Version: 2.0

Page: 6/9  
(50223147/SDS\_GEN\_US/EN)

---

Assessment of acute toxicity: Virtually nontoxic after a single ingestion.

### Oral

Type of value: LD50  
Value: > 5,000 mg/kg

### Dermal

Type of value: LD50  
Value: > 5,000 mg/kg

### Irritation / corrosion

Assessment of irritating effects: Causes serious eye irritation. Causes skin irritation. May cause an allergic skin reaction.

### Skin

Species: rabbit  
Result: Slightly irritating.

### Eye

Species: rabbit  
Result: Severely irritating.

### Sensitization

Result: sensitizing

### Aspiration Hazard

No aspiration hazard expected.

## **Chronic Toxicity/Effects**

### Repeated dose toxicity

Assessment of repeated dose toxicity: None known

## **Symptoms of Exposure**

---

## **12. Ecological Information**

### **Toxicity**

#### Aquatic toxicity

Assessment of aquatic toxicity:

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

#### Toxicity to fish

LC50 (96 h) > 1 - 10 mg/l, Fish

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

### **Microorganisms/Effect on activated sludge**

#### Toxicity to microorganisms

bacteria/EC0 (0.5 h): > 10 - 100 mg/l

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

# Safety Data Sheet

## Versamid® 140

Revision date : 2015/03/06  
Version: 2.0

Page: 7/9  
(50223147/SDS\_GEN\_US/EN)

### Persistence and degradability

#### Assessment biodegradation and elimination (H2O)

Not readily biodegradable (by OECD criteria). The product has not been tested. The statement has been derived from the properties of the individual components.

### Additional information

Add. remarks environm. fate & pathway:  
not available

---

## 13. Disposal considerations

### Waste disposal of substance:

Must be dumped in accordance with local regulations. This product, if disposed as shipped, is not a hazardous waste as specified in 40 CFR 261.

### Container disposal:

Since emptied container retains product residue, all labeled hazard precautions must be observed.

---

## 14. Transport Information

### Land transport

USDOT

Hazard class:	9
Packing group:	III
ID number:	UN 3082
Hazard label:	9, EHSM
Proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains FATTY ACIDS, C18-UNSATD. DIMERS, POLYMERS WITH TALL-OIL FATTY ACIDS AND TRIETHYLENETETRAMINE)

### Sea transport

IMDG

Hazard class:	9
Packing group:	III
ID number:	UN 3082
Hazard label:	9, EHSM
Marine pollutant:	YES
Proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains FATTY ACIDS, C18-UNSATD. DIMERS, POLYMERS WITH TALL-OIL FATTY ACIDS AND TRIETHYLENETETRAMINE)

### Air transport

IATA/ICAO

Hazard class:	9
Packing group:	III
ID number:	UN 3082
Hazard label:	9, EHSM
Proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains FATTY ACIDS, C18-UNSATD. DIMERS,

# Safety Data Sheet

## Versamid® 140

Revision date : 2015/03/06  
Version: 2.0

Page: 8/9  
(50223147/SDS\_GEN\_US/EN)

POLYMERS WITH TALL-OIL FATTY ACIDS AND  
TRIETHYLENETETRAMINE)

### 15. Regulatory Information

#### Federal Regulations

##### Registration status:

Chemical TSCA, US released / listed

EPCRA 311/312 (Hazard categories): Acute;

#### State regulations

##### State RTK

MA, NJ, PA

##### CAS Number

112-24-3

##### Chemical name

triethylenetetramine

##### NFPA Hazard codes:

Health : 2 Fire: 1 Reactivity: 0 Special:

##### HMIS III rating

Health: 2<sup>+</sup> Flammability: 1 Physical hazard: 0

### 16. Other Information

#### SDS Prepared by:

BASF NA Product Regulations  
SDS Prepared on: 2015/03/06

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.

Versamid® 140 is a registered trademark of BASF Corporation or BASF SE  
IMPORTANT: WHILE THE DESCRIPTIONS, DESIGNS, DATA AND INFORMATION CONTAINED  
HEREIN ARE PRESENTED IN GOOD FAITH AND BELIEVED TO BE ACCURATE , IT IS  
PROVIDED FOR YOUR GUIDANCE ONLY. BECAUSE MANY FACTORS MAY AFFECT  
PROCESSING OR APPLICATION/USE, WE RECOMMEND THAT YOU MAKE TESTS TO  
DETERMINE THE SUITABILITY OF A PRODUCT FOR YOUR PARTICULAR PURPOSE PRIOR  
TO USE. NO WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING  
WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE  
MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET  
FORTH, OR THAT THE PRODUCTS, DESIGNS, DATA OR INFORMATION MAY BE USED  
WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS. IN NO CASE  
SHALL THE DESCRIPTIONS, INFORMATION, DATA OR DESIGNS PROVIDED BE CONSIDERED  
A PART OF OUR TERMS AND CONDITIONS OF SALE. FURTHER, YOU EXPRESSLY



# Safety Data Sheet

## Versamid® 140

Revision date : 2015/03/06  
Version: 2.0

Page: 9/9  
(50223147/SDS\_GEN\_US/EN)

---

UNDERSTAND AND AGREE THAT THE DESCRIPTIONS, DESIGNS, DATA, AND INFORMATION FURNISHED BY OUR COMPANY HEREUNDER ARE GIVEN GRATIS AND WE ASSUME NO OBLIGATION OR LIABILITY FOR THE DESCRIPTION, DESIGNS, DATA AND INFORMATION GIVEN OR RESULTS OBTAINED, ALL SUCH BEING GIVEN AND ACCEPTED AT YOUR RISK.  
END OF DATA SHEET