

Safety Data Sheet

WÜRTH FIXALL, Part A

Version 3.0

Revision Date 08/15/2014

Print Date 08/19/2014

SECTION 1. IDENTIFICATION

Commercial Product Name : WÜRTH FIXALL, Part A
Product number : 0893301900 A
SDS-Identcode : 10042401
Product Use Description :
Company : Würth USA Inc.
93 Grant St.
07446 Ramsey, NJ
USA
Telephone : +1 201 825 27 10
Telefax : +1 201 825 16 43
Responsible/issuing person : prodsafe@wuerth.com
Emergency telephone number : +1 800 255 3924

SECTION 2. HAZARDS IDENTIFICATION**GHS Classification**

Skin corrosion : Category 1B
Serious eye damage : Category 1
Specific target organ toxicity - single exposure : Category 3 (Respiratory system)

GHS Label element

Hazard pictograms :



Signal word : Danger
Hazard statements : H314 Causes severe skin burns and eye damage.
H318 Causes serious eye damage.
H335 May cause respiratory irritation.
Precautionary statements : **Prevention:**

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P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.

P264 Wash skin thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

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

Response:

P301 + P330 + P331 IF SWALLOWED: Rinse mouth. 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 + P310 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor/ physician.

P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician.

P363 Wash contaminated clothing before reuse.

Storage:

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS-No.	Weight percent- Weight percent
Mercaptane terminated Polymer (NJTSRN 800938 5952)		>= 50 - < 70
POLYAMINE POLYMERCAPTAN EPOXY HARDENER NJTS RN 679485-5320P, 5321P, 5322P, 5323P		>= 20 - < 30
Calcium carbonate	1317-65-3	>= 10 - < 20
2,4,6-tris(dimethylaminomethyl)phenol	90-72-2	>= 1 - < 5
Siloxanes and Silicones, di-Me, reaction products with silica	67762-90-7	>= 1 - < 5

SECTION 4. FIRST AID MEASURES

General advice : In the case of accident or if you feel unwell, seek medical

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- advice immediately (show the label where possible). First aider needs to protect himself. Move out of dangerous area. Never give anything by mouth to an unconscious person. Take off contaminated clothing and shoes immediately.
- Inhalation : If breathed in, move person into fresh air. Call a physician immediately. Keep patient warm and at rest. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
- Skin contact : Call a physician immediately. Do NOT use solvents or thinners. Immediate medical treatment is necessary as untreated wounds from corrosion of the skin heal slowly and with difficulty. Immediately flush skin with large amounts of water.
- Eye contact : Protect unharmed eye. Small amounts splashed into eyes can cause irreversible tissue damage and blindness. If easy to do, remove contact lens, if worn. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- Ingestion : If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label. If a person vomits when lying on his back, place him in the recovery position.

Notes to physician

- Treatment : Treat symptomatically and supportively.

SECTION 5. FIREFIGHTING MEASURES

- Form : liquid
- Flash point : 257 °C (495 °F)
Method: ISO 3679
- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Specific hazards during firefighting : Do not use a solid water stream as it may scatter and spread fire.
Hazardous decomposition products may be formed

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under fire conditions (see section 10).
Exposure to decomposition products may be a hazard to health.

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.
Use personal protective equipment.

Further information : Standard procedure for chemical fires.
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
In the event of fire and/or explosion do not breathe fumes.
Use water spray to cool unopened containers.
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Refer to protective measures listed in sections 7 and 8.
Use personal protective equipment.
Avoid contact with skin and eyes.
Ensure adequate ventilation, especially in confined areas.
Avoid inhalation of vapour or mist.

Environmental precautions : Do not flush into surface water or sanitary sewer system.
Prevent further leakage or spillage if safe to do so.
If the product contaminates rivers and lakes or drains inform respective authorities.

Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Keep in suitable, closed containers for disposal.
Clean contaminated surface thoroughly.

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SECTION 7. HANDLING AND STORAGE**Handling**

Handling : For personal protection see section 8.
Do not breathe vapours or spray mist.
Avoid contact with skin and eyes.

Advice on protection against fire and explosion : Normal measures for preventive fire protection.
Dust explosion class : Not applicable

Storage

Requirements for storage areas and containers : Store in original container.
Keep containers tightly closed in a dry, cool and well-ventilated place.

Advice on common storage : Keep away from food, drink and animal feedingstuffs.
Other data : No decomposition if stored and applied as directed.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Exposure Guidelines**

Components	CAS-No.	List	Type:	Value	Update
Calcium carbonate	1317-65-3	OSHA Z-1	TWA	5 mg/m ³	2007-01-01
		NIOSH REL	TWA	5 mg/m ³	2013-10-08
		NIOSH REL	TWA	10 mg/m ³	2013-10-08
		OSHA P0	TWA	15 mg/m ³	1989-01-19
		OSHA P0	TWA	5 mg/m ³	1989-01-19

Engineering measures : Provide sufficient air exchange and/or exhaust in work rooms.

Eye protection : Wear eye/face protection.
Ensure that eyewash stations and safety showers are close to the workstation location.

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- Hand protection : Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous substance and specific to place of work. For special applications, we recommend clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer.
- Skin and body protection : Wear suitable protective clothing. Choose body protection according to the amount and concentration of the dangerous substance at the work place.
- Respiratory protection : When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
- Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.
General industrial hygiene practice.
Avoid breathing vapours, mist or gas.
Avoid contact with skin, eyes and clothing.
When using do not eat, drink or smoke.
Wash hands before breaks and at the end of workday.
Follow the skin protection plan.
Take off all contaminated clothing immediately.
Wash contaminated clothing before re-use.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Form : liquid
Physical state : liquid
- Colour : No data available
Odour : characteristic
Odour Threshold : No data available
Flash point : 257 °C (495 °F)
Method: ISO 3679
- Ignition temperature : No data available
Thermal decomposition : No data available
Lower explosion limit : No data available

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Upper explosion limit	: No data available
Flammability	: No data available
Molecular weight	: No data available
pH	: No data available
Melting point/range	: No data available
Boiling point/boiling range	: No data available
Vapour pressure	: No data available
Relative vapour density	: No data available
Evaporation rate	: No data available
Density	: 1.22 g/cm ³ at 20 °C (68 °F)
Relative density	: No data available
Bulk density	: No data available
Water solubility	: partly miscible
Partition coefficient: n- octanol/water	: No data available
Solubility in other solvents	: No data available
Viscosity, dynamic	: No data available
Viscosity, kinematic	: No data available
Volatile organic compounds (VOC) content	: 0 %

SECTION 10. STABILITY AND REACTIVITY

Hazardous decomposition products	: Build-up of dangerous/toxic fumes possible in cases of fire/high temperature.
Hazardous reactions	: Note: No decomposition if stored and applied as directed.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute dermal toxicity	: Acute toxicity estimate Dose: 4,468 mg/kg Method: Calculation method
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- Acute inhalation toxicity : Acute toxicity estimate
Exposure time: 4 h
Dose: > 40 mg/l
Method: Calculation method
- Carcinogenicity : No data is available on the product itself.
Reproductive toxicity : No data is available on the product itself.
Teratogenicity : No data is available on the product itself.
Further information : If ingested, severe burns of the mouth and throat, as well as a danger of perforation of the oesophagus and the stomach.

Component:

Mercaptane terminated
Polymer (NJTSRN 800938 5952)

Eye irritation: Result: Risk of serious damage to eyes.

POLYAMINE POLYMERCAPTAN
EPOXY HARDENER NJTS RN
679485-5320P, 5321P, 5322P,
5323P

Acute dermal toxicity: LD50
Dose: > 1,000 - 2,000 mg/kg

Acute inhalation toxicity: LC50
Dose: > 10 - 20 mg/l/Exposure time: 4 h

Skin irritation: Result: Causes burns.

Calcium carbonate 1317-65-3

Acute oral toxicity: LD50 Rat
Dose: > 2,000 mg/kg

2,4,6-
tris(dimethylaminomethyl)phenol 90-72-2

Acute oral toxicity: Acute toxicity estimate
Dose: 500 mg/kg
Method: Expert judgement

Skin irritation: Result: irritating

Eye irritation: Result: Irritation to eyes, reversing after 7 to 21 days.

Siloxanes and Silicones, di-Me,
reaction products with silica 67762-90-7

Eye irritation: Result: irritating

Carcinogenicity:**ACGIH**

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or

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	potential carcinogen by ACGIH.
OSHA	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
NTP	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
IARC	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

SECTION 12. ECOLOGICAL INFORMATION

Adsorbed organic bound halogens (AOX)	: not included
Volatile organic compounds (VOC) content	: 0 %
Additional ecological information	: The product should not be allowed to enter drains, water courses or the soil.

Component:

Calcium carbonate

1317-65-3

Toxicity to fish:

LC50

Species: Oncorhynchus mykiss (rainbow trout)

Dose: > 10,000 mg/l

Exposure time: 96 h

Acute and prolonged toxicity for aquatic invertebrates:

EC50

Species: Daphnia magna (Water flea)

Dose: > 1,000 mg/l

Exposure time: 48 h

Toxicity to algae:

EC50

Species: Desmodesmus subspicatus (green algae)

Dose: > 200 mg/l

Exposure time: 72 h

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SECTION 13. DISPOSAL CONSIDERATIONS

Adequate disposal : In accordance with local and national regulations.
Do not dispose of waste into sewer.
This material and its container must be disposed of as hazardous waste.
Do not dispose of together with household waste.

SECTION 14. TRANSPORT INFORMATION**DOT 49 CFR**

ID No : UN 1760
Proper shipping name : Corrosive liquids, n.o.s.
(2,4,6-tris(dimethylaminomethyl)phenol)
Class : 8
Packing group : III
Labels : 8
Emergency Response : 154
Guidebook Number

TDGR

ID No : UN 1760
Proper shipping name : CORROSIVE LIQUID, N.O.S.
(2,4,6-tris(dimethylaminomethyl)phenol)
Class : 8
Packing group : III
Labels : 8

ICAO/IATA-DGR

ID No : UN 1760
Proper shipping name : Corrosive liquid, n.o.s.
(2,4,6-tris(dimethylaminomethyl)phenol)
Class : 8
Packaging group : III
ICAO-Labels : 8
Packing instruction (cargo aircraft) : 856
Packing instruction (passenger aircraft) : 852
Packing instruction : Y841

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(passenger aircraft)

Environmentally hazardous : no

IMDG-Code

ID No : UN 1760

Description of the goods : CORROSIVE LIQUID, N.O.S.
(2,4,6-tris(dimethylaminomethyl)phenol)

Class : 8

Packaging group : III

IMDG-Labels : 8

EmS Number 1 : F-A

EmS Number 2 : S-B

Marine pollutant : no

SECTION 15. REGULATORY INFORMATION**SARA 311/312 Hazards** : Acute Health Hazard**CERCLA Reportable Quantity** : This material does not contain any components with a CERCLA RQ.**EPCRA_313** US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 313 Toxic Chemicals (40 CFR 372.65) - Supplier Notification Required

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

EPCRA_302 US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A)

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

PENN RTK US. Pennsylvania Worker and Community Right-to-Know Law (34 Pa. Code Chap. 301-323)

Components	CAS-No.
Mercaptane terminated Polymer (NJTSRN 800938 5952)	
POLYAMINE POLYMERCAPTAN EPOXY HARDENER NJTS RN 679485-5320P, 5321P, 5322P, 5323P	
Calcium carbonate	1317-65-3

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2,4,6-tris(dimethylaminomethyl)phenol	90-72-2
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MASS RTK

US. Massachusetts Commonwealth's Right-to-Know Law (Appendix A to 105 Code of Massachusetts Regulations Section 670.000)

<u>Components</u>	<u>CAS-No.</u>
Calcium carbonate	1317-65-3
Quartz (SiO ₂)	14808-60-7

NJ RTK

US. New Jersey Worker and Community Right-to-Know Act (New Jersey Statute Annotated Section 34:5A-5)

<u>Components</u>	<u>CAS-No.</u>
Mercaptane terminated Polymer (NJTSRN 800938 5952)	
POLYAMINE POLYMERCAPTAN EPOXY HARDENER NJTS RN 679485-5320P, 5321P, 5322P, 5323P	
Calcium carbonate	1317-65-3
2,4,6-tris(dimethylaminomethyl)phenol	90-72-2
Siloxanes and Silicones, di-Me, reaction products with silica	67762-90-7

California Prop. 65

: WARNING! This product contains a chemical known to the State of California to cause cancer.

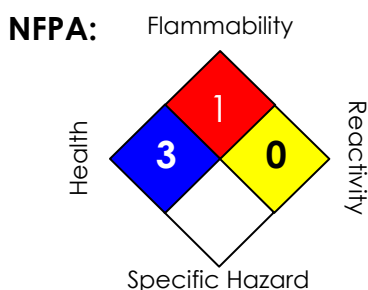
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SECTION 16. OTHER INFORMATION
Further information

HMIS III:

HEALTH	3
FLAMMABILITY	1
PHYSICAL	0

0 = Insignificant, 1 = Slight,
2 = Moderate, 3 = High, 4 = Extreme

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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