

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)
6039-81300

Trade name : OSNASIL HT paint red brown, matt
Revision date : 10.03.2016
Print date : 10.03.2016

Version (Revision) : 6.0.0 (5.1.0)

Page : 1 / 9

SECTION 1: Identification of the substance/mixture and of the company/ undertaking

1.1 Product identifier

OSNASIL HT paint red brown, matt (6039-81300)

1.2 Relevant identified uses of the substance or mixture and uses advised against

Coatings and paints, fillers, putties, thinners

1.3 Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor)

OSNATOL Werk GmbH & Co. KG
Lackfabrik

Street : Bahnhofstr. 14

Postal code/city : D- 49191 Belm-Vehrte

Telephone : +49 5406 / 8300 - 0 Only available during office hours.

Telefax : +49 5406 / 8300- 399

Information contact : Laboratory / Safety (msds@osnatol.de)

1.4 Emergency telephone number

+49 551 / 19240 (GIZ-Nord Poisons Centre)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Directive 67/548/EEC or 1999/45/EC

Flammable. · Harmful: danger of serious damage to health by prolonged exposure through inhalation. · Harmful by inhalation and in contact with skin.

R 10 · Xn ; R 48/20 · Xn ; R 20/21

Classification according to Regulation (EC) No 1272/2008 [CLP]

Eye Irrit. 2 ; H319 - Serious eye damage/eye irritation : Category 2A ; Causes serious eye irritation.

Skin Irrit. 2 ; H315 - Skin corrosion/irritation : Category 2 ; Causes skin irritation.

Flam. Liq. 3 ; H226 - Flammable liquids : Category 3 ; Flammable liquid and vapour.

STOT RE 2 ; H373 - STOT-repeated exposure : Category 2 ; May cause damage to organs through prolonged or repeated exposure.

2.2 Label elements

Labelling (67/548/EEC or 1999/45/EC)

Hazard symbols and hazard statements of dangerous substances and preparations



Xn ; Harmful

Hazard components for labelling

XYLENE ; CAS No. : 1330-20-7

R phrases

10 Flammable.
48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.
20/21 Harmful by inhalation and in contact with skin.

S-phrases

35 This material and its container must be disposed of in a safe way.
51 Use only in well-ventilated areas.
36/37 Wear suitable protective clothing and gloves.

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms

Page : 1 / 9

(EN / D)

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)
6039-81300

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Trade name : OSNASIL HT paint red brown, matt
Revision date : 10.03.2016
Print date : 10.03.2016

Version (Revision) : 6.0.0 (5.1.0)

Page : 2 / 9



Flame (GHS02) · Health hazard (GHS08) · Exclamation mark (GHS07)

Signal word

Warning

Hazard components for labelling

XYLENE ; CAS No. : 1330-20-7

Hazard statements

H226 Flammable liquid and vapour.
H373 May cause damage to organs through prolonged or repeated exposure.
H315 Causes skin irritation.
H319 Causes serious eye irritation.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 Keep container tightly closed.
P240 Ground/bond container and receiving equipment.
P314 Get medical advice/attention if you feel unwell.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P403+P235 Store in a well-ventilated place. Keep cool.

2.3 Other hazards

None

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous ingredients

XYLENE ; EC No. : 215-535-7; CAS No. : 1330-20-7

Weight fraction : 15 - 20 %
Classification 67/548/EEC : R10 Xn ; R48/20 Xn ; R20/21 Xn ; R65 Xi ; R36/37/38
Classification 1272/2008 [CLP] : Flam. Liq. 3 ; H226 Asp. Tox. 1 ; H304 STOT RE 2 ; H373 Acute Tox. 4 ; H312 Acute Tox. 4 ; H332 Skin Irrit. 2 ; H315 Eye Irrit. 2 ; H319 STOT SE 3 ; H335

ETHYLBENZENE ; EC No. : 202-849-4; CAS No. : 100-41-4

Weight fraction : 5 - 10 %
Classification 67/548/EEC : F ; R11 Xn ; R48/20 Xn ; R20 Xn ; R65
Classification 1272/2008 [CLP] : Flam. Liq. 2 ; H225 Asp. Tox. 1 ; H304 STOT RE 2 ; H373 Acute Tox. 4 ; H332

CYCLOHEXANONE ; EC No. : 203-631-1; CAS No. : 108-94-1

Weight fraction : 1 - 5 %
Classification 67/548/EEC : R10 Xn ; R20
Classification 1272/2008 [CLP] : Flam. Liq. 3 ; H226 Acute Tox. 4 ; H332

2-METHOXY-1-METHYLETHYL ACETATE ; EC No. : 203-603-9; CAS No. : 108-65-6

Weight fraction : 1 - 5 %
Classification 67/548/EEC : R10
Substance with a common (EC) occupational exposure limit value.
Classification 1272/2008 [CLP] : Flam. Liq. 3 ; H226
Substance with a common (EC) occupational exposure limit value.

Additional information

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

SECTION 4: First aid measures

Page : 2 / 9

(EN / D)

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Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)
6039-81300



Trade name : OSNASIL HT paint red brown, matt
Revision date : 10.03.2016
Print date : 10.03.2016

Version (Revision) : 6.0.0 (5.1.0)

Page : 3 / 9

4.1 Description of first aid measures

When in doubt or if symptoms are observed, get medical advice. If unconscious place in recovery position and seek medical advice.

Following inhalation

Remove casualty to fresh air and keep warm and at rest. If breathing is irregular or stopped, administer artificial respiration.

In case of skin contact

Wash immediately with: Water and soap Do not wash with: Solvents/Thinner

After eye contact

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

After ingestion

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

None

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

alcohol resistant foam Carbon dioxide (CO₂) Water mist Sand

Unsuitable extinguishing media

High power water jet

5.2 Special hazards arising from the substance or mixture

In case of fire may be liberated: Nitrogen oxides (NO_x) Carbon dioxide (CO₂) Carbon monoxide

5.3 Advice for firefighters

Use suitable breathing apparatus.

5.4 Additional information

Do not inhale explosion and combustion gases. Use water spray jet to protect personnel and to cool endangered containers. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Remove all sources of ignition. Refer to protective measures listed in sections 7 and 8.

6.2 Environmental precautions

Do not allow to enter into surface water or drains. If the product contaminates lakes, rivers or sewages, inform appropriate authorities in accordance with local regulations.

6.3 Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). Clean preferably with a detergent; avoid use of solvents.

6.4 Reference to other sections

None

SECTION 7: Handling and storage

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)
6039-81300



Trade name : OSNASIL HT paint red brown, matt
Revision date : 10.03.2016
Print date : 10.03.2016

Version (Revision) : 6.0.0 (5.1.0)

Page : 4 / 9

7.1 Precautions for safe handling

Prevent the creation of inflammable or explosive concentrations of vapour in air and avoid vapour concentrations higher than the OEL (=Occupational Exposure Limit). Only use the material in places where open light, fire and other flammable sources can be kept away. Take precautionary measures against static discharges. Use only antistatically equipped (spark-free) tools. Do not breathe gas/fumes/vapour/spray. Wear personal protection equipment (refer to section 8). Never use pressure to empty container. Always keep in containers of same material as the original one. See also instructions on the label. Avoid heating and direct sunlight. Comply with the health and safety at work laws. Do not allow to enter into surface water or drains. Vapours are heavier than air, spread along floors and form explosive mixtures with air.

7.2 Conditions for safe storage, including any incompatibilities

Hints on joint storage

Keep away from oxidizing agents, from strongly alkaline and strongly acid materials.

Storage class : 3

Storage class (TRGS 510) : 3

Further information on storage conditions

Containers should be kept dry and sealed. Keep away from sources of ignition. - No smoking.

7.3 Specific end use(s)

Industrial sector specific solutions

Giscode : Solvent-based primers, pigmented, high in aromatics

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values

XYLENE ; CAS No. : 1330-20-7

Limit value type (country of origin) : TRGS 900 (D)

Limit value : 100 ppm / 440 mg/m³

Peak limitation : 2(II)

Remark : H

Version : 06.11.2015

Limit value type (country of origin) : STEL (EC)

Limit value : 100 ppm / 442 mg/m³

Remark : H

Version : 08.06.2000

Limit value type (country of origin) : TWA (EC)

Limit value : 50 ppm / 221 mg/m³

Remark : H

Version : 08.06.2000

ETHYLBENZENE ; CAS No. : 100-41-4

Limit value type (country of origin) : TRGS 900 (D)

Limit value : 20 ppm / 88 mg/m³

Peak limitation : 2(II)

Remark : H, Y

Version : 06.11.2015

Limit value type (country of origin) : STEL (EC)

Limit value : 200 ppm / 884 mg/m³

Remark : H

Version : 08.06.2000

Limit value type (country of origin) : TWA (EC)

Limit value : 100 ppm / 442 mg/m³

Remark : H

Version : 08.06.2000

CYCLOHEXANONE ; CAS No. : 108-94-1

Limit value type (country of origin) : TRGS 900 (D)

Page : 4 / 9

(EN / D)

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)
6039-81300



Trade name : OSNASIL HT paint red brown, matt
Revision date : 10.03.2016
Print date : 10.03.2016

Version (Revision) : 6.0.0 (5.1.0)

Page : 5 / 9

Limit value : 20 ppm / 80 mg/m³
Peak limitation : 1(I)
Remark : H,Y
Version : 06.11.2015
Limit value type (country of origin) : STEL (EC)
Limit value : 20 ppm / 81,6 mg/m³
Remark : H
Version : 08.06.2000
Limit value type (country of origin) : TWA (EC)
Limit value : 10 ppm / 40,8 mg/m³
Remark : H
Version : 08.06.2000
2-METHOXY-1-METHYLETHYL ACETATE ; CAS No. : 108-65-6
Limit value type (country of origin) : TRGS 900 (D)
Limit value : 50 ppm / 270 mg/m³
Peak limitation : 1(I)
Remark : Y
Version : 06.11.2015
Limit value type (country of origin) : STEL (EC)
Limit value : 100 ppm / 550 mg/m³
Remark : H
Version : 08.06.2000
Limit value type (country of origin) : TWA (EC)
Limit value : 50 ppm / 275 mg/m³
Remark : H
Version : 08.06.2000

Biological limit values

XYLENE ; CAS No. : 1330-20-7

Limit value type (country of origin) : TRGS 903 (D)
Parameter : Xylene / Whole blood (B) / End of exposure or end of shift
Limit value : 1,5 mg/l
Version : 31.03.2004
Limit value type (country of origin) : TRGS 903 (D)
Parameter : Methylhippuric acid / Urine (U) / End of exposure or end of shift
Limit value : 2 g/l
Version : 31.03.2004

ETHYLBENZENE ; CAS No. : 100-41-4

Limit value type (country of origin) : TRGS 903 (D)
Parameter : Ethylbenzene / Whole blood (B) / End of exposure or end of shift
Limit value : 1 mg/l
Version : 31.03.2004
Limit value type (country of origin) : TRGS 903 (D)
Parameter : Mandelic acid + Phenylglyoxyl acid / Urine (U) / End of exposure or end of shift
Limit value : 800 mg/g Kr
Version : 31.03.2004

8.2 Exposure controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL (=Occupational Exposure Limit) , suitable respiratory protection must be worn.

Personal protection equipment



If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)
6039-81300



Trade name : OSNASIL HT paint red brown, matt
Revision date : 10.03.2016
Print date : 10.03.2016

Version (Revision) : 6.0.0 (5.1.0)

Page : 6 / 9

worn. Fresh air masks are recommended, or combination filters A2-P2 for works of short duration.

Eye/face protection



Suitable eye protection Use tightly fitting safety glasses.

Skin protection

Hand protection



Solvent-resistant protective gloves must be worn. Protective gloves, PVC or rubber.

Body protection

Personal should wear antistatic clothings made of natural fiber or of high temperature resistant synthetic fiber. All parts of the body should be washed after contact.

Environmental exposure controls

Do not allow to enter into surface water or drains.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state : liquid

Colour : red brown

Odour

characteristic

Safety relevant basis data

Initial boiling point and boiling range :	(1013 hPa)		120 - 200	°C	
Flash point :		>	25	°C	DIN 53213-1
Ignition temperature :			325	°C	Literature value
Lower explosion limit :			0,3	Vol-%	Literature value
Upper explosion limit :			12	Vol-%	Literature value
Vapour pressure :	(50 °C)	<	200	hPa	
Density :	(20 °C)		1,6 - 1,7	g/cm ³	
Solvent separation test :	(20 °C)	<	3	%	
Viscosity :	(20 °C)		700 - 800	mPa.s	
Maximum VOC content (EC) :		<	30	Wt %	
VOC-value :		<	480	g/l	

9.2 Other information

The physical specifications are approximate values and refer to the used safety relevant component(s).

SECTION 10: Stability and reactivity

10.1 Reactivity

No hazardous reaction when handled and stored according to provisions.

10.2 Chemical stability

There are no data available on the preparation/mixture itself.

10.3 Possibility of hazardous reactions

There are no data available on the preparation/mixture itself.

10.4 Conditions to avoid

Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

10.5 Incompatible materials

Page : 6 / 9

(EN / D)

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)
6039-81300



Trade name : OSNASIL HT paint red brown, matt
Revision date : 10.03.2016
Print date : 10.03.2016

Version (Revision) : 6.0.0 (5.1.0)

Page : 7 / 9

There are no data available on the preparation/mixture itself.

10.6 Hazardous decomposition products

When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen.

SECTION 11: Toxicological information

There are no data available on the mixture itself. The product is classified and labelled according to EC directives or corresponding national laws.

11.1 Information on toxicological effects

Inhalation/eye contact: in high concentrations irritating to the mucous membranes, narcotic effect and influence on power of reaction and loss of coordination possible. In case of contact with the product: danger of resorption through the skin, irritation of skin/mucous membranes.

SECTION 12: Ecological information

There are no data available on the preparation/mixture itself. Do not allow to enter into surface water or drains.

12.1 Toxicity

There are no data available on the preparation/mixture itself.

12.2 Persistence and degradability

There are no data available on the preparation/mixture itself.

12.3 Bioaccumulative potential

There are no data available on the preparation/mixture itself.

12.4 Mobility in soil

There are no data available on the preparation/mixture itself.

12.5 Results of PBT and vPvB assessment

There are no data available on the preparation/mixture itself.

12.6 Other adverse effects

There are no data available on the preparation/mixture itself.

12.7 Additional ecotoxicological information

None

SECTION 13: Disposal considerations

Do not allow to enter into surface water or drains. Waste for disposal is to be classified and labelled.

13.1 Waste treatment methods

Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV

Waste code product

080111- waste paint and varnish containing organic solvents or other dangerous substances

Waste treatment options

Appropriate disposal / Product

Delivery to an approved waste disposal company.

Appropriate disposal / Package

Completely emptied packages can be recycled. Packing which cannot be properly cleaned must be disposed of.

SECTION 14: Transport information

14.1 UN number

UN 1263

14.2 UN proper shipping name

Page : 7 / 9

(EN / D)

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)
6039-81300



Trade name : OSNASIL HT paint red brown, matt
Revision date : 10.03.2016
Print date : 10.03.2016

Version (Revision) : 6.0.0 (5.1.0)

Page : 8 / 9

Land transport (ADR/RID)

PAINT

Sea transport (IMDG)

PAINT

Air transport (ICAO-TI / IATA-DGR)

PAINT

14.3 Transport hazard class(es)

Land transport (ADR/RID)

Class(es) : 3
Classification code : F1
Hazard identification number (Kemler No.) : 30
Tunnel restriction code : D/E
Special provisions : 640E · E 1 · Transport in containers with max. 450 litres contents are not subject to the regulations of ADR/RID.
Hazard label(s) : 3

Sea transport (IMDG)

Class(es) : 3
EmS-No. : F-E / S-E
Special provisions : LQ 5 I · E 1 · IMDG 2.3.2.5 (<= 30 l)
Hazard label(s) : 3

Air transport (ICAO-TI / IATA-DGR)

Class(es) : 3
Special provisions : E 1
Hazard label(s) : 3

14.4 Packing group

III

14.5 Environmental hazards

Land transport (ADR/RID) : No
Sea transport (IMDG) : No
Air transport (ICAO-TI / IATA-DGR) : No

14.6 Special precautions for user

None

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations

Water hazard class (WGK)

Class : 2 (Hazardous to water) Classification according to VwVwS

15.2 Chemical safety assessment

No information available.

SECTION 16: Other information

16.1 Indication of changes

02. Classification of the substance or mixture · 02. Label elements · 02. Labelling according to Regulation (EC) No. 1272/2008 [CLP] · 02. Labelling according to Regulation (EC) No. 1272/2008 [CLP] - Hazard components for labelling · 03. Hazardous ingredients · 14. Transport hazard class(es) - Land transport (ADR/RID)

16.2 Abbreviations and acronyms

None

16.3 Key literature references and sources for data

None

Page : 8 / 9

(EN / D)

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)
6039-81300



Trade name : OSNASIL HT paint red brown, matt
Revision date : 10.03.2016
Print date : 10.03.2016

Version (Revision) : 6.0.0 (5.1.0)

Page : 9 / 9

16.4 Relevant R-, H- and EUH-phrases (Number and full text)

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H312+H332	Harmful in contact with skin or if inhaled.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H373	May cause damage to organs through prolonged or repeated exposure.
10	Flammable.
11	Highly flammable.
20	Harmful by inhalation.
20/21	Harmful by inhalation and in contact with skin.
36/37/38	Irritating to eyes, respiratory system and skin.
48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation.
65	Harmful: may cause lung damage if swallowed.

16.5 Training advice

None

16.6 Additional information

None

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.