

According to: Regulation 453/2010 / EC of 20 May 2010 amending Regulation 1907/2006 / EC (REACH) as amended

## **CP 048 THINNER 1K NORMAL**

Issue date: 2014-12-08

Revision date:

Page 1 of

5

# SECTION 1. IDENTIFICATION OF SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier: CP 048 Thinner 1K Normal

Contains: Butyl acetate, Xylene, Ethyl acetate

1.2 Relevant identified uses of the substance or Thinner normal for 1K base coats CP 99 PREMIUM.

mixture and uses advised against: No data.

1.3 Details of the supplier of the safety data

sheet:

1.4 Emergency telephone phone number:1.5 Person responsible for SDS:

Multichem Sp. z o.o., ul. Przemysłowa 2, 62-032 Luboń,

tel. +48 61 893 37 31, fax +48 61 893 37 32, e-mail: info@multichem.pl

tel. +48 61 893 37 31 info@multichem.pl

# **SECTION 2. HAZARDS IDENTIFICATION**

2.1 Classification of the substance or mixture

The product was classified as dangerous according to Regulation 1272/2008/EC

Classification:

Flam. Liq. 2 H225

Acute Tox. 4 H312

Eve Irrit. 2 H319

Acute Tox. 4 H332

STOT SE 3 H336

2.2 Label elements

Hazard pictograms:

According to Regulation 1272/2008/EC





Signal word: DANGER

Hazard statements:

H225 Highly flammable liquid and vapour

H312+H332 Harmful in contact with skin or if inhaled.

H319 Causes serious eye irritation

H336 May cause drowsiness or dizziness.

EUH066 Repeated exposure may cause skin dryness or cracking

## Precautionary statements:

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P260 Do not breathe vapours/spray.

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

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

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing..

P501 Dispose of contents/container to an authorized waste collection point.

2.3 Other hazards - no available

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances – no applicable

3.2 Mixtures

5.2 INTIXTULES											
Index number	Chemical Name	WE Number	CAS Number	Classification of substance according to CLP	Mark of substance	Weight	Registration Number				
607-025-00-1	Butyl acetate	204-658-1	123-86-4		GHS02	20 – 30%	01-2119485493-				
	-			Flam. Liq. 3 H226	GHS07		29-XXXX				
				STOT SE 3 H336	Wng						



According to: Regulation 453/2010 / EC of 20 May 2010 amending Regulation 1907/2006 / EC (REACH) as amended

## **CP 048 THINNER 1K NORMAL**

Issue date: 2014-12-08 Version: 6.3 Revision date: Page 2 of

					H226, H336, EUH066		
601-022-00-9	Xylene	215-535-7	1330-20-7	Flam. Liq. 3 H226 Acute Tox. 4 * H332 Acute Tox. 4 * H312 Skin Irrit. 2 H315	GHS02 GHS07 Wng H226, H312, H315, H332	20 – 30%	01-2119488216- 32-XXXX
607-195-00-7	2-methoxy-1- methylethyl acetate	203-603-9	108-65-6	Flam. Liq. 3, H226 Eye Irrit. 2, H319	GHS02 GHS07 Wng H226, H319	20 – 30%	01-2119475791- 29-XXXX
607-022-00-5	Ethyl acetate	205-500-4	141-78-6	Flam. Liq. 2 H225 Eye Irrit. 2 H319 STOT SE 3 H336	GHS02 GHS07 Dgr H225, H319, H336 EUH066	20 – 30%	01-2119475110- 46-XXXX

## **SECTION 4. FIRST AID MEASURES**

4.1 Description of first aid measures

General information:

See 11 point SDS Inhalation:

Move to fresh air, ensure quiet and warmth, seek medical advice.

Do not close the eye, rinse with plenty of water (protect) healthy eye, remove contact Eyes contact:

lenses, seek medical advice.

Immediately remove all contaminated clothing, wash with plenty of water with soap, Skin contact:

seek medical advice.

Seek medical advice.

Ingestion: Wash out mouth thoroughly with water. Drink 2-4 glasses of water. Do not induce the

vomiting.

4.2 Most important symptoms and effects, both

acute and delayed:

4.3 Indication of any immediate medical attention Seek medical advice.

and special treatment needed:

## **SECTION 5. FIREFIGHTING MEASURES**

5.1 Extinguishing media:

Suitable extinguishing media: Water, vaporised water, foam, CO<sub>2</sub>.

Unsuitable extinguishing media: Tight stream of water.

5.2 Special hazards arising from the substance or Under the influence of high temperature may produce CO, CO<sub>2</sub> vapours.

mixture:

5.3 Advice for firefighters: Firemen have to wear self-contained breathing apparatus and protective clothing. Cool

adjacent tanks by spraying water from a safe distance.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

For non-emergency personnel: Remove ignition sources. Provide for sufficient ventilation. Avoid direct contact with

For emergency responders: releasing substance (vapours). Avoid contact with eyes and skin. Get acquainted with

safety conditions (see point 7 and 8 SDS).

Keep away from drains, surface-water, ground-water and soil. 6.2 Environmental precautions:

6.3 Methods and material for containment Poured substance should be absorbed with non-flammable materials: sand, silica,

special granulated products. Keep to a minimum efflux area. Collect discards, store cleaning up:

according to regulations (see point 13 SDS).

**SECTION 7. HANDLING AND STORAGE** 

7.1 Precautions for safe handling: Keep away from heat; keep away from sources of ignition – do not smoke, do not eat,

do not drink, do not breathe vapour, avoid contact with skin and eyes. Do not empty

under pressure. Use only original tanks.

7.2 Conditions for storage, including any

incompatibilities:

Normal precautions taken when handling flammable substances. Store in hermetically closed containers In temp. 5-25°C. Place of storage should be dry. Protect from heat.



According to: Regulation 453/2010 / EC of 20 May 2010 amending Regulation 1907/2006 / EC (REACH) as amended

# **CP 048 THINNER 1K NORMAL**

Issue date: 2014-12-08 Version: 6.3 Revision date: Page 3 of

Do not store near to sources of ignition.

Thinner normal for 1K base coats CP 99 PREMIIUM. 7.3 Specific end use(s):

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Limit values for Xylene TLV: 100 ppm as TWA 150 ppm as STEL A4 (ACGIH 2001). BEI (ACGIH 2001).

EU Limit Values: 50 ppm 221 mg/m<sup>3</sup> (8 hours)

100 ppm 442 mg/m<sup>3</sup> (short-term) skin

Limit values for 2-methoxy-1-methylethyl

acetate:

TLV: 100 ppm; 369 mg/m³ (as TWA), 150 ppm; 553 mg/m³ (STEL) (ACGIH 1997). EU OEL: 100 ppm 375 mg/m<sup>3</sup> as TWA 150 ppm 568 mg/m<sup>3</sup> as STEL (skin) (EU

EU Limit Values: 50 ppm 275 mg/m<sup>3</sup> (8 hours)

100 ppm 550 mg/m<sup>3</sup> (short-term) skin

Limit values for Butyl acetate: TLV: 150 ppm as TWA 200 ppm as STEL (ACGIH 2003).

MAK: 100 ppm 480 mg/m<sup>3</sup>

Limit values for Ethyl acetate: TLV: 400 ppm TWA; (ACGIH 2004).

MAK: 400 ppm, 1500 mg/m<sup>3</sup>

8.2 Exposure controls

Respiratory protection: Gas mask with "A" type absorbing canister.

Hands protection: Protective gloves for handling solvents (nitrile rubber).

Eyes protection: Protective glasses.

Skin protection: Suitable protective clothing.

Workplace: Topical stays and exhausting ventilation.

# SECTION 9. PHISICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

**Physical state: Autoignition point:** 

liquid no data

Colour: Vapour pressure:

colourless no data

**Odour: Explosion limits:** 

typical mixture of solvents no data pH: **Density:**  $0.910 \text{ g/cm}^3$ no data **Boiling point:** Water solubility:

insoluble  $>77^{\circ}C$ 

**Melting point: Octanol/Water partition coeff:** 

no data no data Flash point: Viscosity: >- 4°C no data

9.2 Other information VOC no data

# **SECTION 10. STABILITY AND REACTIVITY**

10.1 Reactivity: No data

10.2 Stability: If handled according to the section 7 product is stable.

10.3 Possibility of hazardous reactions: No data

10.4 Avoid contact with: Strong acids and basis, high temperature, peroxides, amines, alcohols.

10.5 Materials to be avoided:

10.6 Hazardous decomposition products: Incomplete combustion will produce CO, CO<sub>2</sub> and toxic gases.

## SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:

There are no data on the toxicity of this product.

Toxicity for Xylene:  $LD_{50}$  (rat, oral) – 4300 mg/kg

 $LC_{50}$  (rat, inhalation) – 22100 mg/m<sup>3</sup> (4 h)



According to: Regulation 453/2010 / EC of 20 May 2010 amending Regulation 1907/2006 / EC (REACH) as

amended

## **CP 048 THINNER 1K NORMAL**

Issue date: 2014-12-08 Version: 6.3 Revision date: Page 4 of

LD<sub>50</sub> (rabbit, rat, skin) – no data

Toxicity for 2-methoxy-1-methylethyl acetate:  $LD_{50}$  (rat, oral) – 8532 mg/kg

 $LD_{50}$  (rat, skin) – 5000 mg/kg

Toxicity for Butyl acetate: LD<sub>50</sub> (rat, oral) - 6400 mg/kg

 $LC_{50}$  (rat, inhalation) – 9,6 mg/l (4h)  $LD_{50}$  (rabbit, skin) – >5000 mg/kg

Toxicity for Ethyl acetate:  $LD_{50}$  (rat, oral) – 6100 mg/kg

 $LC_{50}$  (rat, inhalation) – 5856 mg/m3 (8 h)

 $LD_{50}$  (rabbit, skin) > 20000 mg/kg

Skin: irritating and dryness Irritating effect:

Eyes: irritating

Symptoms of poisoning: Headaches, discomfort, tiredness, sleepiness, vomiting or may narcotise, muscle

failure, partial or total loss of consciousness.

#### SECTION 12. ECOLOGICAL INFORMATION

There are no data on the ecotoxicity of this product.

12.1 Toxicity:

Xylene acute toxicity for: (LC<sub>50</sub>/96 h) fish - 13500-17300 mg/l

 $(LC_{50}/48h)$  crustacea -600 mg/l

2-methoxy-1-methylethyl acetate acute toxicity

 $(LC_{50}/96 \text{ h}) \text{ fish} > 161 \text{ mg/l}$ (EC<sub>50</sub>/48h) crustacea > 500 mg/l

 $(LC_{50}/96 \text{ h}) \text{ fish} - 62 \text{ mg/l}$ 

Butyl acetate acute toxicity for:

 $(EC_{50}/48h)$  crustacea -32 mg/l

Ethyl acetate acute toxicity for:

 $(LC_{50}/96 h) fish - 230 mg/l$  $(EC_{50}/48 \text{ h})$  crustacea -164 mg/l

No data available 12.2 Persistence and degradability: 12.3 Bioaccumulative potential: No data available 12.4 Mobility in soil: No data available

12.5 Results of PBT assessment: No data available 12.6 Other adverse effects: No data available

The product is very poorly soluble in water. Do not allow to enter the sewage system, soil, or water reservoirs – inform the local authorities.

# SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Clean tin:

Product must be disposed of by special means in accordance with local regulations. Recommendation:

Remains of product in the tin should be carefully remove and leave to dry. Remains of product:

Code of waste: 08 01 17\*

Do not spill into drainage systems. Tin carefully clean is not harmful waste. Code of waste: 15 01 04 or 15 01 02

Spent packages dispose for authorized receiver who has adequate permission for waste

management.

Tin partly empty: See remains of products.

### **SECTION 14. TRANSPORT INFORMATION**

14.1 UN number:

14.2 UN proper shipping name: PAINT RELATED MATERIAL

14.3Transport hazard class(es): 14.4 Packaging group:

14.5 Environmental hazards: No applicable

14.6 Special precautions for user: Land transport: ADR/RID:

Classification code: F1

Tunnels: D1E

Sea transport IMDG: EmS: F-E, S-E

14.7 Transport in bulk according to Annex II of

MARPOL73/78 and the IBC Code:

No applicable



According to: Regulation 453/2010 / EC of 20 May 2010 amending Regulation 1907/2006 / EC (REACH) as amended

## **CP 048 THINNER 1K NORMAL**

Issue date: 2014-12-08

Revision date:

Page 5 of

5

## **SECTION 15. REGULATORY INFORMATION**

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

67/548/EWG (2006/121/WE) 91/155/EWG (2001/58/WE) 1999/45/EC (2006/8/WE) 1991/322/EWG 2000/39/WE 2006/15/WE

2006/1907/WE (REACH)

2004/42/WE

2008/1272/WE (CLP)

Other regulations: ADR (2007-2009), IMDG Code 2006 Edition.

15.2 Chemical safety assessment - no chemical safety assessment has been carried out.

## **SECTION 16. OTHER INFORMATION**

Full text of phrases from 3 point SDS according to CLP

H225 Highly flammable liquid and vapour

H226 Flammable liquid and vapour

H312 Harmful in contact with skin

H315 Causes skin irritation

H319 Causes serious eye irritation

H332 Harmful if inhaled

H336 May cause drowsiness or dizziness

EUH066 Repeated exposure may cause skin dryness or cracking

Flam. Liq. 2 Flammable liquid category 2

Flam. Liq. 3 Flammable liquid category 3

STOT SE 3 Specific target organ toxicity – single exposure category 3

Acute Tox. 4\* Acute toxicity category 4 Eye Irrit. 2 Eye irritation category 2 Skin Irrit 2. Skin irritation category 2

The data contained in this Safety Data Sheet are based on our available knowledge at the last revision date. The data contained in this Safety Data Sheet give the conditions of safe use and storage of the product; this document does not give any guarantee as to the properties of the product.

Revision information:

Sections

All persons whose work is related to the mixture should receive a proper training in safety, hygiene and legal requirements related to a mixture in compliance with their responsibilities.