

# Safety Data Sheet according to Regulation (EU) No. 1907/2006

REMA TIP TOP GmbH

Revision date: 28.06.2010

Revision no.: 1,00

**TIP TOP COROPUR LONG-TERM THINNER A-2249**

00156-0345



## **1. Identification of the substance/preparation and of the company/undertaking**

### **Identification of the substance or preparation**

TIP TOP COROPUR LONG-TERM THINNER A-2249

**Art.-No.:**

580 0308

### **Use of the substance/preparation**

Diluent

### **Company/undertaking identification**

REMA TIP TOP GmbH

Gruber Straße 63

D-85586 Poing

Telephone : ++49 (0) 8121 / 707 - 0

Responsible Department :

Emergency telephone : ++49 (0) 6132 / 84463 (GBK Gefahrgut Buero GmbH, Ingelheim)

Responsible for the safety data sheet: sds@gbk-ingelheim.de

## **2. Hazards identification**

### **Classification**

Indications of danger : Irritant

R-phrases:

Flammable.

## **3. Composition/information on ingredients**

### **Chemical characterization ( Mixture )**

Mixture of solvents

#### **Hazardous components**

EC-No.	CAS-No.	Chemical name	Quantity	Classification
203-603-9	108-65-6	2-Methoxy-1-methylethyl acetate	50 - 100 %	R10

Full text of each relevant R phrase can be found in heading 16.

## **4. First aid measures**

### **General information**

Remove contaminated soaked clothing immediately.

In the event of persistent symptoms receive medical treatment.

Take away from danger area and lay down affected person.

### **After inhalation**

Move to fresh air in case of accidental inhalation of vapours.

If patient is not breathing, apply artificial respiration.

Seek medical treatment immediately.

### **After contact with skin**

Wash off with soap and plenty of water.

Do not use solvents or thinners.

Consult a doctor if skin irritation persists.

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### **After contact with eyes**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

If eye irritation persists, consult a specialist.

### **After ingestion**

Do not induce vomiting.

Rinse out mouth and give plenty of water to drink.

Never give anything by mouth to an unconscious person.

Summon a doctor immediately.

Induce vomiting only upon the advice of a physician.

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## **5. Fire-fighting measures**

### **Suitable extinguishing media**

Alcohol-resistant foam, dry chemical, carbon dioxide (CO<sub>2</sub>), water-spray.

### **Extinguishing media which must not be used for safety reasons**

Full water jet.

### **Special exposure hazards arising from substance or preparation itself, combustion products, resulting gases**

Fire may produce:

Carbon monoxide and carbon dioxide.

High smoke development

### **Special protective equipment for fire-fighters**

In case of fire, wear suitable respiratory equipment with positive air supply.

Protective suit.

### **Additional information**

Vapours are heavier than air and spread along ground.

The vapour/air mixture is explosive, even in empty, uncleaned receptacles.

Cool containers at risk with water spray jet.

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

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## **6. Accidental release measures**

### **Personal precautions**

In case of vapour formation use respirator.

Use only explosion-proof equipment.

Avoid contact with the skin and the eyes.

Ensure adequate ventilation.

Remove persons to safety.

### **Environmental precautions**

Do not discharge into the drains/surface waters/groundwater.

### **Methods for cleaning up/taking up**

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder).

Shovel into suitable container for disposal.

### **Additional information**

Clean contaminated surface thoroughly.

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## **7. Handling and storage**

### **Handling**

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### Advice on safe handling

Do not wear contact lenses when handling the product.  
Keep container tightly closed.  
Keep a good ventilation and air-exhaust at the place of work.  
Do not breathe vapours.  
Avoid contact with skin, eyes and clothing.

### Advice on protection against fire and explosion

Keep away from heat and sources of ignition.  
Do not smoke.  
Take precautionary measures against static discharges.  
Use only explosion-proof equipment.

### Storage

#### Requirements for storage rooms and vessels

Keep container tightly closed in a dry, cool and well-ventilated place.  
Pay attention to anti-explosion rules.  
Take precautionary measures against static discharges.  
Storage temperature between 15°C to 30°C

#### Advice on storage compatibility

Incompatible with:  
Strong oxidizing agents.  
Strong acids and strong bases.

#### Further information on storage conditions

Keep away from food, drink and animal feeding stuffs.

## 8. Exposure controls/personal protection

### Exposure limit values

#### Exposure limits (EH40)

CAS-No.	Chemical name	ml/m <sup>3</sup>	mg/m <sup>3</sup>	F/ml	Category	Origin
108-65-6	1-Methoxypropyl acetate	50	274		TWA (8 h)	WEL
		100	548		STEL (15 min)	WEL

### Occupational exposure controls

Ensure adequate ventilation, especially in confined areas.

### Protective and hygiene measures

Do not inhale vapours.  
Avoid contact with eyes and skin.  
Wash hands before breaks and immediately after handling the product.  
When using, do not eat, drink or smoke.  
Remove and wash contaminated clothes before re-use.

### Respiratory protection

In case of insufficient ventilation wear suitable respiratory equipment (gas filter type A).

### Hand protection

Protective gloves resistant to chemicals made off butyl, minimum coat thickness 0,7 mm, permeation resistance (wear duration) approx. 480 minutes, i.e. protective glove <Butoject 898> made by www.kcl.de. This recommendation refers exclusively to the chemical compatibility and the lab test conforming to EN 374 carried out under lab conditions.  
Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.

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### Eye protection

Tightly fitting goggles.

Eye wash bottle with pure water.

### Skin protection

Solvent-resistant apron.

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## 9. Physical and chemical properties

### General information

Physical state : Liquid  
Colour : Various  
Odour : Characteristic

### Important health, safety and environmental information

#### Changes in the physical state

Flash point : 42 °C  
Lower explosion limits : 1,5 vol. %  
Upper explosion limits : 10,8 vol. %  
Vapour pressure : 3,4 hPa  
(at 20 °C)  
Density (at 20 °C) : 0,97 g/cm<sup>3</sup>  
Water solubility : Partially miscible  
(at 20 °C)  
Flow time : 15 s 4 DIN EN ISO 2431  
(at 20 °C)

#### Solvent separation test

< 3 %

#### Solvent content

100 %

### Other information

Ignition temperature : 272 °C

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## 10. Stability and reactivity

### Conditions to avoid

To avoid thermal decomposition, do not overheat.  
Vapour/air mixtures are explosive at intensive warming.  
Heating can release vapours which can be ignited.

### Materials to avoid

Strong oxidizing agents.  
Strong acids and strong bases.

### Hazardous decomposition products

Irritant/corrosive, flammable as well as toxic distillation gases (carbonization gases).  
Carbon monoxide and carbon dioxide.

### Additional information

No decomposition if stored and applied as directed.

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## 11. Toxicological information

### Empirical data on effects on humans

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Repeated or prolonged exposure may cause skin irritation and dermatitis, due to degreasing properties of the product.

Contact with eyes may cause irritation.

Inhalation of high vapour concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.

Risk of dangerous resorption through skin.

Das Einatmen der Dämpfe kann zu einer Reizung der Atemorgane, Husten und Halsschmerzen führen.

May cause irritation of the mucous membranes.

**Further information**

No toxicological data available.

Classification in compliance with the assessment procedure specified in the EC guidelines 1999/45/EG.

**12. Ecological information**

**Further information**

Do not flush into surface water or sanitary sewer system.

Low hazard to waters.

Ecological data are not available.

**13. Disposal considerations**

**Advice on disposal**

Where possible recycling is preferred to disposal.

Can be incinerated, when in compliance with local regulations.

**Waste disposal number of waste from residues/unused products**

140603 WASTE ORGANIC SOLVENTS, REFRIGERANTS AND PROPELLANTS (except 07 and 08);  
waste organic solvents, refrigerants and foam/aerosol propellants; other solvents and solvent mixtures

Classified as hazardous waste.

**Contaminated packaging**

Empty containers should be taken for local recycling, recovery or waste disposal.

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

Packaging that cannot be cleaned should be disposed of like the product.

**14. Transport information**

**Land transport (ADR/RID)**

UN number :	1263
ADR/RID class :	3
Classification code :	F1
Warning plate	
Hazard-no. :	30
Hazard label :	3
ADR/RID packing group :	III
Limited quantity :	LQ 7

**Description of the goods**

Paint related material

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#### Other applicable information (land transport)

LQ 7: combination packaging: 5 l / 30 kg (total gross mass); trays: 5 l / 20 kg (total gross mass).

Tunnel restriction code: D/E

Transport category: 3

#### Marine transport

UN number :	1263
IMDG code :	3
Marine pollutant :	No
Hazard label :	3
IMDG packing group :	III
EmS :	F-E; S-E
Limited quantity :	5 L / 30 kg

#### Description of the goods

PAINT RELATED MATERIAL

#### Other applicable information (marine transport)

Limited quantities (section 3.4): combination packaging: 5 l / 30 kg (total gross mass); trays: 5 l / 20 kg (total gross mass).

#### Air transport

UN/ID number :	1263
ICAO/IATA-DGR :	3
Hazard label :	3
ICAO packing group :	III
Limited quantity Passenger :	Y309 / 10 L
IATA-packing instructions - Passenger :	309
IATA-max. quantity - Passenger :	60 L
IATA-packing instructions - Cargo :	310
IATA-max. quantity - Cargo :	220 L

#### Description of the goods

PAINT RELATED MATERIAL

## 15. Regulatory information

### Labelling

#### Additional advice on labelling

According to EC-regulations the product is to be labelled as follows:

Danger symbols : Xi - Irritant



Xi - Irritant

#### R phrases

10 Flammable.

#### S phrases

23 Do not breathe vapour.

38 In case of insufficient ventilation, wear suitable respiratory equipment.

51 Use only in well-ventilated areas.

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**EU regulatory information**

1999/13/EC (VOC) : 966 g/l

**National regulatory information**

Employment restrictions : Observe employment restrictions for young people. Observe employment restrictions for child bearing mothers and nursing.

Water contaminating class (D) : 1 - slightly water contaminating

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**16. Other information**

**Full text of R-phrases referred to under sections 2 and 3**

10 Flammable.

**Further Information**

Data of items 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities.

The information describes exclusively the safety requirements for the product(s) and is based on the present level of our knowledge.

The delivery specifications are contained in the corresponding product sheet.

This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

(n.a. = not applicable; n.d. = not determined)

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*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*