



according to UK REACH Regulation

### **REMASLIDE- Plate**

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

### 1.1. Product identifier

**REMASLIDE- Plate** 

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

#### Use of the substance/mixture

Anti-Caking

### 1.3. Details of the supplier of the safety data sheet

Manufacturer

Company name: REMA TIP TOP AG
Street: Gruber Strasse 65
Place: D-85586 Poing

Telephone: +49 (0) 8121 / 707 - 100

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

**Supplier** 

Company name: REMA TIP TOP INDUSTRY UK LTD
Street: Plumtree Industrial Estate, Harworth
Place: Doncaster, DN11 8EW, South Yorkshire

Telephone: +44 (0)1302 711233 Internet: www.rema-tiptop.co.uk

**1.4. Emergency telephone** INTERNATIONAL: +49 - (0) 6132 - 84463, GBK GmbH (24h - 7d/w - 365d/a)

number: In England and Wales: NHS 111 In Scotland: NHS 24 - dial 111

### **SECTION 2: Hazards identification**

# 2.1. Classification of the substance or mixture

#### **GB CLP Regulation**

This mixture is not classified as hazardous in accordance with GB CLP Regulation.

#### 2.2. Label elements

#### Additional advice on labelling

As an article the product does not need to be labelled in accordance with EC-regulations or respective national laws

### 2.3. Other hazards

Not known.

# **SECTION 3: Composition/information on ingredients**

### 3.2. Mixtures

# **Chemical characterization**

Vulcanized product of rubber, polyethylene and other additives

# **Hazardous components**

none (according to UK REACH Regulation)

# **SECTION 4: First aid measures**

# 4.1. Description of first aid measures

# General information

No hazards which require special first aid measures.





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#### After inhalation

Move to fresh air in case of accidental inhalation of fumes from overheating or combustion.

#### After contact with skin

Wash with water and soap as a precaution.

#### After ingestion

Ingestion is not considered a potential route of exposure.

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

May cause sensitization of susceptible persons by skin contact.

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

Treat symptoms.

### **SECTION 5: Firefighting measures**

#### 5.1. Extinguishing media

### Suitable extinguishing media

Any extinguishing means and measures are acceptable. Fire-extinguishing activities according to surrounding.

#### Unsuitable extinguishing media

Full water jet

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

Fire may produce:

Carbon monoxide (CO), carbon dioxide (CO2) and sulphur oxides (SOx)

Hydrogen bromide (HBr)

### 5.3. Advice for firefighters

Use breathing apparatus with independent air supply.

Protective suit.

#### **Additional information**

Collect contaminated firefighting water separately, must not be discharged into the drains.

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

### **SECTION 6: Accidental release measures**

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

### General advice

Ensure adequate ventilation.

Keep away noninvolved persons.

### For non-emergency personnel

Avoid contact with skin, eyes and clothing.

### For emergency responders

Use personal protection equipment.

In case of vapour formation use respirator.

### 6.2. Environmental precautions

Do not discharge into the drains/surface waters/ground water.

# 6.3. Methods and material for containment and cleaning up

### For containment

No special measures required.

#### For cleaning up

Take up mechanically and collect in suitable container for disposal.

Where possible recycling is preferred to disposal.

#### 6.4. Reference to other sections

Observe protective instructions (see Sections 7 and 8).

Information for disposal see section 13.





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# **SECTION 7: Handling and storage**

### 7.1. Precautions for safe handling

### Advice on safe handling

Do not breath vapours that may be evolved during processing.

# Advice on protection against fire and explosion

Keep away from open flames, hot surfaces and sources of ignition.

The product is flammable but not readily ignited.

### Advice on general occupational hygiene

Wash hands before breaks and immediately after handling the product.

When using do not eat, drink or smoke.

# 7.2. Conditions for safe storage, including any incompatibilities

#### Requirements for storage rooms and vessels

Keep in a dry, cool place.

#### Hints on joint storage

Incompatible with:

Nitrous acid and other nitrosating agents.

#### Further information on storage conditions

Keep away from food, drink and animal feeding stuffs.

### 7.3. Specific end use(s)

Anti-Caking

### **SECTION 8: Exposure controls/personal protection**

# 8.1. Control parameters

### Additional advice on limit values

This product does not contain any substances for which a Workplace Exposure Limit has been set in concentrations above the limits.

# 8.2. Exposure controls

### Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas.

### Individual protection measures, such as personal protective equipment

#### Eye/face protection

In case of sensitivity the protection of eyes is recommended.

#### Hand protection

Protective gloves resistant to chemicals made off natural-rubber latex, minimum coat thickness 0.6 mm, permeation resistance (wear duration) approx. 480 minutes, i.e. protective glove <Lapren 706> made by www.kcl.de.

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.

#### Skin protection

Long sleeved clothing (DIN EN ISO 6530)

# Respiratory protection

In case of respirable dust and/or fumes, use a self-contained breathing apparatus.

### **SECTION 9: Physical and chemical properties**

#### 9.1. Information on basic physical and chemical properties

Physical state: Plates



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Colour:	Various		
Odour:	No data available		
Changes in the physical state			
Melting point/freezing point:		n.d.	
Boiling point or initial boiling point and boiling range:		n.a.	
Sublimation point:		n.a.	
Softening point:		n.d.	
Flash point:		n.a.	
Flammability			
Solid/liquid:		n.d.	
Explosive properties  The product is not explosive.			
Lower explosion limits:		n.a.	
Upper explosion limits:		n.a.	
Auto-ignition temperature:		n.a.	
Self-ignition temperature			
Solid:		n.d.	
Gas:		n.a.	
Decomposition temperature:		n.d.	
pH-Value:		n.a.	
Viscosity / dynamic:		n.a.	
Viscosity / kinematic:		n.a.	
Flow time:		n.a.	
Water solubility: (at 20 °C)	i	insoluble	
Solubility in other solvents			
n.d.			
Partition coefficient n-octanol/water:		n.a.	
Vapour pressure:		n.a.	
Density (at 20 °C):		n.d.	
Bulk density: Relative vapour density:		n.a. n.a.	
9.2. Other information		II.a.	
Information with regard to physical haz	and classes		
Oxidizing properties  Not oxidising.	aru ciasses		
Other safety characteristics			
Solvent separation test:		0 %	
Solvent content:		0 %	
Solid content:		100 %	
Evaporation rate:		n.a.	
SECTION 10: Stability and reactivity			





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#### 10.1. Reactivity

No decomposition if stored and applied as directed.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Reacts with:

Nitrous acid and other nitrosating agents.

#### 10.4. Conditions to avoid

To avoid thermal decomposition, do not overheat.

#### 10.5. Incompatible materials

Nitrous acid and other nitrosating agents.

#### 10.6. Hazardous decomposition products

An inappropriate handling, for instance major amounts of product combined with strong heat and nitrosating agents, renders possible a cleavage of nitrosamines in traces.

Fire may produce:

Carbon monoxide, carbon dioxide, sulphur oxides.

Hydrogen bromide

# **SECTION 11: Toxicological information**

### 11.1. Information on hazard classes as defined in GB CLP Regulation

### **Acute toxicity**

Based on available data, the classification criteria are not met.

No toxicological data available.

#### **ATEmix** calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

### Irritation and corrosivity

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation: Based on available data, the classification criteria are not met.

### Sensitising effects

Based on available data, the classification criteria are not met.

#### Carcinogenic/mutagenic/toxic effects for reproduction

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data, the classification criteria are not met.

#### STOT-single exposure

Based on available data, the classification criteria are not met.

#### STOT-repeated exposure

Based on available data, the classification criteria are not met.

# **Aspiration hazard**

Based on available data, the classification criteria are not met.

#### Additional information on tests

Classification in compliance with the assessment procedure specified in the Regulation (EC) no 1272/2008.

#### 11.2. Information on other hazards

# **Endocrine disrupting properties**

No data available

#### **Further information**

May cause sensitization of susceptible persons by skin contact.

If appropriately handled and if in accordance with the general hygienic rules, no damages to health have





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become known.

Product contains low quantities of cancerogenic and mutagenic components. Nevertheless it is not hazardous to health if inhaled, swallowed or in case of contact with skin under this form.

# **SECTION 12: Ecological information**

### 12.1. Toxicity

Ecological data are not available.

Because of the low solubility a toxicity to aquatic organisms is not to be expected.

### 12.2. Persistence and degradability

No data available

### 12.3. Bioaccumulative potential

No data available

# 12.4. Mobility in soil

No data available

# 12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.

No data available

### 12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

No data available

### 12.7. Other adverse effects

No data available

### **Further information**

Do not flush into surface water or sanitary sewer system.

Ecological injuries are not known or expected under normal use.

### **SECTION 13: Disposal considerations**

# 13.1. Waste treatment methods

# **Disposal recommendations**

Where possible recycling is preferred to disposal.

Can be incinerated, when in compliance with local regulations.

# List of Wastes Code - residues/unused products

080410 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF

COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products);

waste adhesives and sealants other than those mentioned in 08 04 09

# Contaminated packaging

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

# **SECTION 14: Transport information**

# Land transport (ADR/RID)

14.1. UN number or ID number:No dangerous good in sense of this transport regulation.14.2. UN proper shipping name:No dangerous good in sense of this transport regulation.14.3. Transport hazard class(es):No dangerous good in sense of this transport regulation.14.4. Packing group:No dangerous good in sense of this transport regulation.

# Inland waterways transport (ADN)

14.1. UN number or ID number:

No dangerous good in sense of this transport regulation.

No dangerous good in sense of this transport regulation.





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14.3. Transport hazard class(es):14.4. Packing group:No dangerous good in sense of this transport regulation.No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

14.1. UN number or ID number:No dangerous good in sense of this transport regulation.14.2. UN proper shipping name:No dangerous good in sense of this transport regulation.14.3. Transport hazard class(es):No dangerous good in sense of this transport regulation.14.4. Packing group:No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number:No dangerous good in sense of this transport regulation.14.2. UN proper shipping name:No dangerous good in sense of this transport regulation.14.3. Transport hazard class(es):No dangerous good in sense of this transport regulation.14.4. Packing group:No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

### 14.7. Maritime transport in bulk according to IMO instruments

No dangerous good in sense of this transport regulation.

# **SECTION 15: Regulatory information**

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

# **EU regulatory information**

Directive 2004/42/EC on VOC in 0 %

paints and varnishes:

Information according to Directive

**National regulatory information** 

Not subject to 2012/18/EU (SEVESO III)

2012/18/EU (SEVESO III):

Water hazard class (D): - - non-hazardous to water

# 15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.

#### **SECTION 16: Other information**

# Abbreviations and acronyms

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route

RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses

ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure

IMDG = International Maritime Code for Dangerous Goods

IATA/ICAO = International Air Transport Association / International Civil Aviation Organization

MARPOL = International Convention for the Prevention of Pollution from Ships

IBC-Code = International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk





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GHS = Globally Harmonized System of Classification and Labelling of Chemicals

REACH = Registration, Evaluation, Authorization and Restriction of Chemicals

CAS = Chemical Abstract Service

EN = European norm

ISO = International Organization for Standardization

DIN = Deutsche Industrie Norm

PBT = Persistent Bioaccumulative and Toxic

vPvB = Very Persistent and very Bio-accumulative

LD = Lethal dose

LC = Lethal concentration

EC = Effect concentration

IC = Median immobilisation concentration or median inhibitory concentration

#### **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)

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