

# SAFETY DATA SHEET

(according to Regulation (EC) No. 1907/2006 (REACH), amended by 2015/830/EU)

TBi TipDip (part no. 392P000102)

Print date: 07.11.2016

Page 1 of 6

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

### 1.1. Product identifier

**Trade name:** TBI TipDip  
**Other names:** TBI TipDip 300 ml (part no. 392P000102)

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

Anti spatter paste for welding torches

#### Uses advised against:

unknown

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

**Supplier:** TBI Industries GmbH  
**Address:** Ruhberg 14  
D-35463 Fernwald-Steinbach

**Telephone:** + 49 6404 9171-0  
**E-mail address:** info@tbi-industries.com

**Telefax:** +49 6404 9171-58

### 1.4. Emergency telephone number

+49 (0) 551-19240 (GIZ-Nord, 24h)

## SECTION 2: Hazards Identification

### 2.1. Classification of the substance or mixture

#### **General hazards:**

This substance does not meet the criteria for classification in accordance with Regulation No1272/2008/EC.

#### **Health hazards:**

In case of inhalation: slight irritating effect may occur  
In case of skin contact: slight irritating effect may occur  
In case of eye contact: slight irritating effect may occur

#### **Hazardous properties:**

Not applicable.

#### **Environmental hazards:**

The substance has no significant effect to the environment.

### 2.2. Label elements:

Labelling according to Regulation (EC) No 1272/2008 (CLP). No needs special marking.

### 2.3. Other hazards:

There is no additional hazard information.

## SECTION 3: Composition / information of ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

UVCB substance. Petrolatum; Index No.: 649-254-00-X; REACH registration number: 01-2119490412-42-XXXX; EC number: 232-373-2; CAS number: 8009-03-8; Contents: 99-100%; Carc. 1B; H350 Remark N

#### **Additional information:**

Remark N: The classification as a carcinogen need not apply if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen.

# SAFETY DATA SHEET

(according to Regulation (EC) No. 1907/2006 (REACH), amended by 2015/830/EU)

TBI TipDip (part no. 392P000102)

Print date: 07.11.2016

Page 2 of 6

## **SECTION 4: First Aid Measures**

### **4.1. Description of first aid measures**

- **General information.** In case of symptoms get medical advice. Remove contaminated clothing and shoes. Wash clothing before re-use.
- **Irritation due to inhalation.** Move the injured person to fresh air.
- **In case of ingestion.** If swallowed, do not induce vomiting. Provide medical assistance.
- **In case of skin contact.** Wash skin thoroughly with mild soap and water. In case of minor thermal burns: Cool with cold running water for at least five minutes until the pain subsided.
- **In case of eye contact.** In case of contact with eyes, immediately rinse with clean water for at least 10-15 minutes, holding the eyelids open. If irritation persists, get medical advice.

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

- **After exposure by inhalation.**  
Inhalation of vapors or mists generated at high temperatures may cause respiratory tract irritation.
- **After skin contact**  
In case of repeated or prolonged exposure dry skin and irritation may occur. Contact with the product at high temperature can cause burns.
- **After exposure through the digestive tract**  
Light or no symptoms expected. If any, nausea and diarrhea might occur.

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

No data available.

## **SECTION 5: Firefighting measures**

### **5.1 Extinguish media**

**Suitable extinguish media:** water spray, foam, dry extinguishing powder, carbon dioxide (CO<sub>2</sub>)

**Unsuitable extinguish media:** Do not use direct water jets on the burning product. Simultaneous use of foam and water on the same surface is to be avoided.

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

**Hazardous combustion products:** Combustible. May produce toxic fumes of carbon monoxide if burning.

### **5.3 Advice for firefighters**

Fight fire with normal precautions from a reasonable distance. Wear self-contained breathing apparatus.

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

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

Wear appropriate personal protective equipment. Use non-slip footwear.

Eliminate ignition sources.

### **6.2 Environmental precautions**

Prevent against entering hot product into rivers and other water reservoirs. Solidified product can block the sewage system. If necessary, inform the appropriate authorities.

### **6.3 Methods and material for containment and cleaning up**

Cover up the product with inflammable absorbing material (eg. sand), collect into a closed container and transfer for disposal.

Collect the solidified product mechanically into a closed container and transfer for disposal.

In case of spillages in the water, the product will cool down rapidly and become solid, floating on the surface. Collect by skimming or using other suitable mechanical means.

### **6.4. Reference to other sections**

Hazardous combustion products: see section 5.

Personal protective equipment: see section 8.

Incompatible materials: see section 10.

Disposal considerations: see section 13.

# SAFETY DATA SHEET

(according to Regulation (EC) No. 1907/2006 (REACH), amended by 2015/830/EU)

TBI TipDip (part no. 392P000102)

Print date: 07.11.2016

Page 3 of 6

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Do not breathe vapors, mists created by the product at high temperature. If required, use adequate ventilation in the room and / or local workplace. Use of protective clothing, gloves is recommended. Do not eat or drink when using the product. Wash the hands thoroughly after handling.

### 7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a cool place. Protect from sunlight. Storage class (TRGS 510):13.

#### Incompatible substances or mixtures

Observe hints for combined storage.

#### Consideration of other advice

##### • Ventilation requirements

Use local and general ventilation.

##### • Specific designs for storage rooms or vessels

Recommended storage temperature: 15 - 25 °C.

### 7.3 Specific end use(s)

No data available.

## SECTION 8: Exposure controls / personal protection

### 8.1. Control parameters

#### National limit values

#### Occupational exposure limit values (Workplace Exposure Limits)

not relevant

### 8.2 Exposure controls

#### 8.2.1 Appropriate engineering controls

General ventilation and / or local extraction system.

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

##### General recommendations

Avoid eye and skin contact.

Remove contaminated clothing immediately and wash before re-use.

##### Eye / face protection

Safety glasses tested according to EN166 when working with molten product.

##### Hand protection

Protective suitable NBR (Nitrile rubber) gloves tested according to EN 374, with thermal insulation when working with molten product.

##### Respiratory protection

Use in case of inadequate ventilation in the room.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Appearance

Paste

Colour: blue  
Odour: odourless

#### Other physical and chemical parameters

pH: neutral  
Melting point/freezing point: 50 - 55 °C  
Initial boiling point and boiling range: >250 °C  
Flash point: >150 °C  
Evaporation rate: no data available  
Flammability (solid, gas): non-flammable  
Density: 0,94 g/cm<sup>3</sup>  
Solubility(ies)  
Water solubility: insoluble  
Auto-ignition temperature: information on this property is not available.  
Decomposition temperature: no data available

# SAFETY DATA SHEET

(according to Regulation (EC) No. 1907/2006 (REACH), amended by 2015/830/EU)

TBI TipDip (part no. 392P000102)

Print date: 07.11.2016

Page 4 of 6

Viscosity: not relevant (solid matter)  
• kinematic viscosity: 7,5 - 10 mm<sup>2</sup>/s at 100 °C  
Explosive properties: none  
Oxidising properties: none

## **9.2 Other informations**

No additional information.

## **SECTION 10: *Stability and reactivity***

### **10.1 Reactivity**

No hazardous reactions known if used for its intended purpose.

### **10.2. Stability**

The product is stable under normal conditions.

### **10.3. Possibility of hazardous reactions**

No hazardous reactions when stored and handled according to specifications.

### **10.4. Conditions to avoid**

High temperature, ignition sources.

### **10.5. Incompatible materials**

Strong oxidising agents

### **10.6. Hazardous decomposition products**

See section 5.

## **SECTION 11: *Toxicological information***

### **11.1. Information on toxicological effects**

#### **Acute toxicity**

Acute toxicity – oral: LD50 >5000mg/kg (rat)  
Acute toxicity – dermal: LD50 >2000mg/kg (rat)  
Acute toxicity – inhalation: no data

#### **Respiratory or skin sensitisation**

Shall not be classified as a respiratory or skin sensitiser.

#### **Summary of evaluation of the CMR properties**

Shall not be classified as germ cell mutagenic, carcinogenic nor as a reproductive toxicant

#### **• Specific target organ toxicity - single exposure**

Shall not be classified as a specific target organ toxicant (single exposure).

#### **• Specific target organ toxicity - repeated exposure**

Shall not be classified as a specific target organ toxicant (repeated exposure).

#### **Aspiration hazard**

Shall not be classified as presenting an aspiration hazard.

#### **Symptoms related to the physical, chemical and toxicological characteristics**

##### **• If swallowed**

data are not available

##### **• If in eyes**

essentially non-irritating

##### **• If inhaled**

If decomposition products are inhaled the following symptoms can occur: irritant effects, cough, headache

##### **• If on skin**

essentially non-irritating

## **SECTION 12: *Ecological information***

### **12.1. Toxicity**

Acute toxicity (fish): LD50> 100mg/l/96h (Pimephales promelas)  
Acute toxicity (daphnia) NOEL 10mg/l/21 days (Daphnia magna)  
Acute toxicity (algae): NOEL 100mg/l/72h (Pseudokirchnella subcapitata)

# SAFETY DATA SHEET

(according to Regulation (EC) No. 1907/2006 (REACH), amended by 2015/830/EU)

TBi TipDip (part no. 392P000102)

Print date: 07.11.2016

Page 5 of 6

## **12.2. Persistence and degradability**

Abiotic degradation: > 28 d (OECD 301 B).

Biodegradation: not rapidly degradable due to low water solubility.

## **12.3. Bioaccumulative potential**

No indication of bioaccumulation potential

## **12.4. Mobility in soil**

Surface tension: no data available

Adsorption/desorption: no data available

## **12.5. Results of PBT and vPvB assessment**

The substance does not meet the criteria for PBT or vPvB according to annex XIII.

## **12.6. Other adverse effects**

Data are not available.

## **SECTION 13: Disposal considerations**

### **13.1 Waste treatment methods**

#### **Waste code:**

Substance: 070699 No otherwise specified wastes

Packaging: 15 01 04 Metal packaging

Dispose in accordance with local regulations (91/689/EWG). It should be handled separately from communal waste. Do not empty into drains.

### **13.2 Relevant provisions relating to waste**

Utilize in accordance with applicable local regulations for waste disposal. The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

### **13.3 Remarks**

Keep away the preparation from drains, surface- and ground-water and soil.

## **SECTION 14: Transport information**

### **14.1 UN number**

-

### **14.2 UN proper shipping name**

-

### **14.3 Transport hazard class(es)**

Not applicable

### **14.4 Packing group**

No restrictions

### **14.5 Environmental hazards**

Not environmental hazardous in accordance with the criteria set out in the UN Model Regulations

### **14.6 Special precautions for user**

No data available

### **14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not applicable

### **14.8 Information for each of the UN Model Regulations**

- **Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN)**  
Not subject to ADR, RID and ADN.
- **International Maritime Dangerous Goods Code (IMDG)**  
Not subject to IMDG.

# SAFETY DATA SHEET

(according to Regulation (EC) No. 1907/2006 (REACH), amended by 2015/830/EU)

TBI TipDip (part no. 392P000102)

Print date: 07.11.2016

Page 6 of 6

## SECTION 15: Regulatory information

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

1. Regulation (EC) No 1907/2006 the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
2. Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures, (regulation CLP)
3. Commission Regulation (EU) No 453/2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

### **15.2 Chemical Safety Assessment**

Chemical Safety Assessment is not made.

## SECTION 16: Other information

### **Abbreviations and acronyms**

ADR: Accord européen sur le transport des marchandises dangereuses par Route  
(European Agreement concerning the International Carriage of Dangerous Goods by Road )

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service

LC50: Lethal concentration, 50%

LD50: Median lethal dose

PBT: Persistent, Bioaccumulative and Toxic substance

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals

vPvB: very Persistent and very Bioaccumulative

### **Classification and procedure used in order to classify mixtures in accordance with Regulation (EC) No 1272/2008 [CLP]**

The product is not classified as hazardous.

The exposure scenarios are not required.

### **Additional information**

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.