

Material Safety Data Sheet

Parting Paste for Flow-Punch-Forming Art.No. 370ST4810 and 370ST4802

1. Address

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2. Hazards identification

2.1 Classification of the substance or mixture:

Particular dangers for human and environment: The product is not subject to the calculation of the "General Classification guideline for preparations of the EU" in the latest version.

2.1.1 Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]
 Not applicable

2.2 Label Elements

2.2.1 Labeling according to Regulation (EC) No 1272/2008 [CLP/GHS]

Hazard statements

-

Precautionary statements

P270: Do not eat, drink or smoke when using this product

P281: Use personal protective equipment as required

P301+P330+P331: IF SWALLOWED: Rinse mouth do NOT induce vomiting

P302+P352: IF ON SKIN: Wash with soap and water

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

P337+313: If eye irritation persists get medical advice/attention

3. Composition/information on ingredients

3.1 Substances

Product is a mixture

3.2. Mixtures

3.2.1 Description of the mixture

Contains zinc compound

4. First aid measures

4.1 Description of first aid measures

4.1.1 General information

No special measures required

4.1.2 Following inhalation:

Supply fresh air, with symptoms get medical advice

4.1.3 Following skin contact:

Wash with soap and water, if skin irritation persists, get medical advice

4.1.4 Following eye contact:

Rinse cautiously with water for several minutes Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists get medical advice/attention.

4.1.5 Following ingestion:

Rinse mouth, do NOT induce vomiting. With symptoms get medical advice.

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 HRB 7941

4.1.6 Self-protection of the first aider: No special measures required

4.1.7 Notes for the doctor -

4.2. Most important symptoms and effects, both acute and delayed
Not known

4.3. Indication of any immediate medical attention and special treatment needed
no

5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media:

Use Fire fighting measures that adapt to the environment. Use CO₂, powder or water jet.
Fight larger fires with water spray or alcohol resistant foam.

Unsuitable extinguishing media: water with full jet

5.2 Special hazards arising from the substance or mixture
low quantities of sulphur dioxide (SO₂)
Do not breathe explosive gases or fumes

5.3 Additional information:

Stay in dangerous zone without self-contained breathing apparatus. Keep containers cool with water spray from a safe distance. Contain escaping vapors with water reflected. Pay attention to flashback. Avoid contaminated fire extinguishing water into surface - and groundwater and soil. Skin contact by wearing suitable protective clothing and by keeping a safe distance to avoid.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

High risk of slipping on leaked / spilled product

Remove sources of ignition. Take care of adequate ventilation. Wear protective equipment. Keep spectators away. Do not inhale fumes.

In case of emergency: Evacuate the danger area.

6.2 Environmental precautions

Avoid penetration of the product and large quantities of contaminated wash water in water and soil.
Sewer cover, thus preventing the penetration of the product into drains is avoided.

6.3 Methods and material for containment and cleaning up

Put Narrow spillage with neutralizing and non-combustible absorbent material up and for disposal according to local regulations in the appropriate containers.

6.4 Reference to other sections

Pay attention on protection measures in chapter 7 and 8

7. Handling and storage

7.1 Precautions for safe handling

Do not leave containers open.

General hygiene measures:

- In areas where people work, eat, drink or smoke
- Wash hands after use

The usual precautionary measures for handling chemicals should be followed. Avoid Aerosols. Do not inhale aerosols.

7.2 Conditions for safe storage, including any incompatibilities

Information on storage conditions

The assembly with the following substances is prohibited:

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Requirements for storage rooms and vessels
 In tightly closed containers in a cool, dry place.

7.3 Specific end uses:
 paste for flow drilling

8. Exposure controls/personal protection

8.1 Control parameters
 no

Community workplace
 The product does not contain any relevant quantities of materials with critical values that require monitoring at the workplace

8.2 Limitation and monitoring of exposure

Appropriate technical control facilities
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Personal protective equipment
 Choose Personal protective equipment

Respiratory protection
 Is ensured, in compliance with the / of the AGW and / or other occupational exposure limits no special measures required.

Hand protection
 Is a contact with the paste directly inevitable with the hands, there is no health risk because it is a natural product.

Eye Protection
 Safety glasses recommended.

Controls and monitoring of environmental exposure
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9. Physical and chemical properties

Physical state:	pasty
Color:	white-grey
Odor:	product-specific
Explosive properties:	
Lower explosive limit:	not determined
Upper explosive limit:	not determined
Odor threshold was	not determined
Vapor Pressure:	not determined
Density:	1.7 g/cm ³
Flow time:	not determined
Solubility in Water:	absolute soluble in Water at 20°C
pH:	not determined
Boiling point / range:	not determined
Flash Point:	>220°C
Ignition temperature:	not determined
Viscosity (kinematic)	not determined

10. Stability and reactivity

10.1 Reactivity	-
10.2 Chemical stability	-
10.3 Possibility of hazardous reactions	There are no hazardous reactions known
10.4 Conditions to avoid	No decomposition if used according to specifications. Shock, friction, heat, sparks, electrostatic discharges.

10.5 Incompatible materials -

10.6 Hazardous decomposition products -

11. Toxicological information

11.1 Information on the toxicological effects
the information on the health hazards derived from a similar product

acute toxicity

Irritation No irritation

In the respiratory tract: Inhalation of oil mist or vapors at high temperatures can lead to respiratory irritation.

Corrosivity No corrosivity

Sensitization No sensitizing effects known

Repeated dose toxicity not tested

Carcinogenicity Not tested

Mutagenicity Not tested

toxicity for reproduction not tested

Additional toxicological information: The product is not subject to the calculation method of the General Guidelines for preparation of the EC in the last version. When handled and used properly, the product does our experience and the information available to us, no adverse health effects.

12. Ecological information

12.1 Toxicity Low ecotoxicity.

12.2 Persistence and degradability Fully biodegradable.

12.3 Bioaccumulative potential no bioaccumulation

12.4 Mobility in soil Readily absorbed into soil.

12.5 Results of the PBT and vPvB assessment No data available

12.6 Other adverse effects No data available

13. Disposal considerations

13.1 Waste treatment methods

recommendation Exact waste code with the disposal

Waste code according to Waste Catalogue (EWC)
130 207 readily biodegradable engine, gear and lubricating oils

packaging

contaminated packaging According to official regulations

rinsed packaging Can one be recycled

Note: The user is advised that of regional or national legislation may be made for disposal.

14. Transport information

ADR / RID

UN No: not applicable

Hazard label: not applicable

IMDG / IMO

UN No: not applicable

Hazard label: not applicable

IATA / ICAO

UN Nr: not applicable

Hazard label: not applicable

Transport/further information: Not dangerous according to the above

15 . Regulatory information

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

EU regulations

Regulation (EC) No 1005/2009 (substances that deplete the ozone layer):
inapplicable

Regulation (EC) No 850/2004 (Persistent Organic Pollutants):
inapplicable

Regulation (EC) No 689/2008 (export and import of dangerous chemicals):
inapplicable

Regulation (EC) No 648/2004 (detergents):
inapplicable

Restrictions under Title VIII of Regulation (EC) 1907/2006:
no

National regulations

Technical instructions (air):

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Reference to Technical Rules for Hazardous Substances (TRGS)

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Solvents Regulation (31 BImSchV)

-

15.2 Chemical Safety Assessment

The mixture was not subjected to safety assessment

16. Other information:

The information in this MSDS is based on the state of our knowledge at the time of revision and serves to describe our products regarding safety precautions to be taken. They do not represent a guarantee of the properties of the product and any product information or product specification and do not establish a legally valid contractual relationship. The safety data are not transferable to other products. As a guidance in this product with other materials, mixed or processed, or processed shall be treated the information on this process, unless otherwise expressly therefore is not transferred to the new material.

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This MSDS contains only safety related information and does not replace Product or product specification.
Department issuing MSDS: Department of Safety