




MATERIAL SAFETY DATA SHEET

According to regulation (EC) Nr. 1907/2006

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

Product identifier: 
Trade name: PLASARITE
(for stainless steel and plastics)

Manufacturer: HPM Technologie GmbH
Rudolf-Diesel-Straße 3
D-72525 Münsingen

Supplier: Carbide Related Technologies, Inc.
355 Sackett Point Road Unit 5
North Haven, CT 06473

Telephone: +1 203-281-1266

Email address: sales@carbiderelatedtech.com

2 Hazard Identification:

Hazard labeling: Not applicable.

Specific hazard notes
for humans and

environment: Due to the analysis of the last amended, general rating principles for
formulation of the EC, there is no labeling obligation for substances.

Classification

System: Due to the analysis of the last amended, general rating principles for
formulation of the EC, there is no labeling obligation for substances.

3 Composition/information on ingredients:

Chemical Nature: Formulations consisting of hydrous Polyalkylen-glykol-solution. Free of
brimstone, chlorine, zinc, heavy metal etc.

4 First aid Measures:

General advice: No action needed

After inhalation: Get fresh air, seek medical advice in case of continuing complaints.



After contact with

Skin: Wash with plenty of soap and water. Seek medical attention if skin irritation lasts.

After eye contact: Rinse the opened eyes out under flowing water several minutes. Seek medical advice in case of continuing complaints.

After swallowing: Rinse mouth out with and continue to drink plenty of water. See medical advice in case of continuing complaints.

5 Firefighting Measures

Suitable extinguishing media: Product does not burn.

Unsuitable extinguishing media: Not applicable

Special hazards arising from the substance, their combustion products or accruing gases: Carbon dioxide (Cox)

Further information: Fire residues and contaminated water to be disposed of safely.

6 Accidental release measures:

Personal Precautions: Avoid contact with eyes and skin. Avoid breathing in mist and vapors. Call attention to slip hazard in case of releasing of the material.

Environmental Precautions: Do not flush into water, sewage and ground.

Methods for cleaning up/

Absorption: Absorb with liquid-binding material, for example acid binders.

Further information: Information for personal protective equipment see chapter 8.

7 Handling and Storage

Handling

Advice on safe handling: Attend the common preventive measures when using chemicals. Spilled substance can cause slip hazards.

Advice on protection against fire and explosion: No action needed

Storage: Protect from frost.



Requirements for storage areas
and containers: Attend requirements of water law. Protect from frost.

Further information for
Storage: store cool and dry in locked barrel. Use upon open barrel within
24 months.

8 Exposure controls/personal protection

Further instruction for configuration
technical installations: No specifications, see chapter 7

Personal protection

General protection: Attend usual preventative measures about using chemicals

Respiratory protection: No action needed while observing limit valve or other job limits.

Hand protection: No health risks if in direct contact with oil on hands

Eye protection: Best to use safety goggles.

Body protection: Protective clothing

9 Physical and chemical properties

Form: liquid
Color: colorless
Odor: faintly
Evaporation: insignificant
Water solubility: unlimited mixable at 20°C
Solubility: in highly polar solvents
Boiling point: about 100°C
Flash point: non-inflammable
Vapor pressure: 23 hPA at 20°C
Density: ca. 1g/cm³ at 20°C
Ph: 7-9
Viscosity: 1.7mm²/s (20°C)
1.0mm²/s (40°C)

10 Stability and reactivity

Terms to avoid: No dangerous reactions are known when correct stroing and hadling.

Materials to avoid: Strong oxidation agents. Reducing agent.

Hazardous reactions: No hazardous reactions known.



Hazardous decomposition products: Carbon monoxide, carbon dioxide, Nitric oxide

11 Toxicological information

Acute toxicity:

Primary Irritation:

Skin: No skin irritation

Eyes: Mild irritation

Air Way: Inhalation of smoke at a high temperature could cause air way irritation.

Further toxicological instructions: Due to the analysis of the general rating principles of the EC this product is not obligated to be labeled. As we know there are no risks of injuries to one's health when using this product correctly in accordance with the regulations.

12 Ecological information

Mobility: Light absorption in the ground.

Persistence and
Degradability: Complete biodegradability

Bioaccumulation: No bioaccumulation

Other deleterious
effects: Low eco-toxicity

13 Disposal consideration:

Disposal code: 130207

Disposal packaging: Disposal according to official instructions

Consumer: Disposal according to official instructions

Notation: Please consider further additional local or national instructions of disposal.

14 Transport information

ADR/RID

UN number: not applicable

Hazard label: not applicable

IMDG/IMO

UN number: not applicable

Hazard label: not applicable

IATA/ICAO

UN number: not applicable

Hazard label: not applicable

Transport/additional information: No dangerous goods due to the above-mentioned regulations.



15 Regulatory information

Labeling according to EC-instruction: The usual preventative measures at using chemicals have to be considered. Due to EC-instruction GefStoffV this article is not obligated to be labeled.

National instruction

Classification according to German working safety act (BetrSichV)

Other instructions, limitations and prohibition regulations: This product or rather its monomeric components are listed in TSCA (USA), DSL (Canada), EINECS (Europe) MITI or MOL (Japan), NICNAS (Australia), ECL (Korea), IECSC (China) and PICCS (Philippines).

16 Other information

The information provided in this Safety Data Sheet is correct to our knowledge at the date of revision (24.06.2014). The information given only describes the products with regard to safety arrangements and is not to be considered as a warranty or quality specification and does not constitute a legal relationship. The information contained in this Safety Data Sheet relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

This safety data sheet only contains security-relevant information and does not replace any product information or product specifications.