

Safety Data Sheet according to Regulation (EC) No.1907/2006 <Annex II REACH>

1 Identification of the substance and the supplier

Product Identification **M-129 Mr.CEMENT S**

Product Code W1011GE007

Manufacturer's name : GSI Creos Corporation
Address : 3-1, Kudanminami 2-chome, Chiyoda-ku, Tokyo 102-0074, Japan
Business Group in Charge : Hobby Dept.
Phone and facsimile number for information : Tel; +81-03-5211-1805 Fax; +81-03-5211-1902
Emergency Contact : GSI Europe-Import+Export GmbH
Louise-Dumont-Str. 31, 40211 Dusseldorf, Germany /Tel:49-211-166594-0
Classification of Product : Acrylic Coating
General Use : Coating for Plastics
Date prepared : 15/May/2015

2 Hazards identification

Classification of the substance or mixture
Classification (REGULATION (EC) No 1272/2008)

Flammable Liquid, Category 2 H225: Highly flammable liquid and vapour
Eye Irritation, Category 2 H319: Causes serious eye irritation
Specific target organ toxicity - single exposure, Category 3 H336: May cause drowsiness or dizziness

Classification (67/548EEC, 1999/45/EC)

Highly Flammable Irritant
R11: Highly flammable
R36: Irritating to eyes
R66: Repeated exposure may cause skin dryness or cracking
R67: Vapours may cause drowsiness and dizziness

Labelling elements
Labelling (Regulation (EC) No 1272/2008)

Hazardous pictograms



Signal word Danger

Hazard Statements
H225: Highly flammable liquid and vapour
H319: Causes serious eye irritation
H336: May cause drowsiness or dizziness
EUH066: Repeated exposure may cause skin dryness or cracking

Precautionary statements
Prevention
P102: Keep out of reach of children
P403+P233: Store in a well ventilated place. Keep container tightly closed.
P280: Wear protective gloves/protective clothing/eye protection/face protection
Reaction:
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses if present and easy to do. continue rinsing.
P301+P315+P101: IF SWALLOWED: Get immediate medical advice/attention.
If medical advice is needed, have product container or label at hand.

Hazardous components which must be listed on the label:

Other hazards

Further information ---

3 Composition/Information on Ingredients

Mixtures

Mixture of solvents

Chemical Name	CAS-No.	EC No.	Registration Number	Classification (67/548/EEC)	Classification (REGULATION (EC) No. 1272/2008)	Conc.(wt%)
Butanone	78-93-3	201-159-0	01-2119457290-43-XXXX	F; R11 Xi; R36 R67 R66	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336	30-40
Ethyl acetate	141-78-6	205-500-4	01-2119475103-46-XXXX	F; R11 Xi; R36 R67 R66	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336	20-30

For the full text of the R-phrases mentioned in this section, see section 16.

For the full text of the H-statements mentioned in this section, see section 16.

4 First-Aid measures

[If in Eyes]

- Wash eyes with plenty of water and in case of persistence of irritation, get medical attention.

[If on Skin]

- Wash with plenty of soap and water, and get medical attention immediately.

[If Inhaled]

- If feel unwell because of inhalation, remove to fresh air and keep at rest in a position comfortable for breathing, and call a physician.

[If Swallowed]

- Call a physician immediately.

5 Fire-Fighting measures

Suitable extinguishing media: Water[] CO2[*] Foam[*] Dry chemical[*] Dry sand[*]

Fire fighting method

- Wear proper protective clothes such as heat insulating clothes/gloves/face shield and/or eye protection.
- Use specified extinguishing media.
- Remove combustible material from surrounding area.
- Start fire fighting from windward
- Do not use water as the extinguishing media.

6 Accidental release measures

- Avoid contact with skin. Wear appropriate protective equipment (protective gloves, eye/face protection, apron and long sleeved clothes) when handling spill of this product.
- Wear protective equipment and collect spillage into air-tight container that can be tightly closed. Move the container to a safe place.
- Dispose contaminant and waste in accordance with regulations relative to disposal.
- Eliminate all ignition sources such as heat, sparks, open flames and combustible materials.
- Provide appropriate extinguisher to prepare for fire.
- Do not use steel tools as it may cause impact sparks. Tool should be static free.
- Absorb with dry sand, earth or noncombustible material. In case of large spill, hold back with earth to prevent spreading.
- Avoid release to rivers to prevent effect to environment.

7 Handling and storage

[Cautions on Handling]

- May cause poisoning if on skin or inhaled.
- Keep away from ignition sources such as heat/sparks/open flame, and ventilate work area when handling this product.
- Ventilate work area to prevent inhalation of vapor/fume/spray/dust.
- Avoid contact with skin. Wear protective gloves, eye/face protection and long sleeved clothes if necessary.
- If spilled or leaked, wipe with cloth and discard contaminated materials into a container which is filled with water.
- Dip contaminated cloth, spray dust and/or mist into water until they are discarded properly.
- After use, wash hands and gargle mouth thoroughly.
- Do not use this product other than the purpose specified by the manufacturer/supplier.

[Cautions on Storage]

- Keep container tightly closed. Store in cool and ventilated indoor place. Protect from direct sun light.
- Keep reach out of children.
- Keep away from flame or heat sources.

8 Exposure Controls/Personal Protection

[Facilities Recommendation]

- All facilities should be explosion proof.
- Prevent vapor from retention by installation of a proper ventilator.
- Ground/bond container or receiving equipment for transportation, mixing and/or transferring of this product.
- Do not locate heat/flame generating facilities close to the work area.
- If spray indoor, install coating facilities so that workers are protected from direct exposure to spray mist, or install adequate ventilation.
- For handling in closed tanks, install appropriate ventilator which secures ventilation to the bottom of the tank.

[Protective Equipments]

- Respiratory Protection: Wear gas mask for organic gas. Wear self-contained breathing apparatus in case of operation in closed areas.
- Eye Protection: Wear goggle type of eye protection.
- Skin Protection: Wear appropriate gloves which is impervious to organic solvents and chemicals.
- Other Protection: Work clothes specified by the manufacturer or supplier, and safety shoes.

Substance	CAS No.	Exposure Limit Value			
		Short Term		Eight Hours	
		EU	AGS&DFG Germany	EU	AGS&DFG Germany
Butan-2-one	78-93-3	300PPM	200PPM	200PPM	200PPM
Ethyl acetate	141-78-6		800PPM		400PPM

9 Physical and Chemical Properties

Form Liquid[*] Gas[] Solid[]	Color: Clear	Solubility: No data available
Odor: Solvent odor	Explosion Limits: 1,8vol% (Lower)	Octanol-Water Partition Coefficient: No data available
pH: Not Applicable	13,0vol% (Upper)	Ignition Point: 427°C
Melting Point: No data available	Vapor Pressure: 24000Pa(20°C)	Decomposition Temperature: No data available
Boiling Point: 56°C	Vapor Density: No data available	Other: None particular
Flash Point: -12,7°C	Density: 0.7~1.0g/cm3	

10 Stability and Reactivity

[Reactivity Information]

- Materials to be avoided: Keep away from strong oxides and/or peroxides that will cause polymerization and/or generate heat or fire by mixing or contact.
- Hazardous thermal decomposition products: CO, CO₂, HCl, vapors of solvents.
- Other reactivity information: None.

11 Toxicological Information

Health Hazard Information on Ingredient Table 1

Substance name	Acute toxicity (LD50, LC50, etc.)				
	Oral	Dermal	Inhalation (Gas)	Inhalation (Vapor)	Inhalation (Dust, Mist)
2-Propanone	Not Categorized > 5000mg/kg	Not Categorized	Not Applicable	Not Categorized	Not Classifiable
2-Butanone	Category 5 2483mg/kg	Not Categorized	Not Applicable	Category 5 11700ppm	Not Classifiable
Acetic acid ethyl ester	Not Categorized > 5000mg/kg	Not Categorized	Not Applicable	Not Categorized	Not Classifiable

Health Hazard Information on Ingredient Table 2

Substance name	Skin Corrosion • Irritation	Serious Damage to Eyes (Eye Irritation)	Respiratory Sensitization	Skin Sensitization	Germ Cell Mutagenicity	Carcinogenicity
2-Propanone	Not Categorized	Category 2B	Not Classifiable	Not Categorized	Not Categorized	Not Categorized
2-Butanone	Category 2	Category 2B	Not Classifiable	Not Classifiable	Not Categorized	Not Categorized
Acetic acid ethyl ester	Not Categorized	Category 2B	Not Classifiable	Not Classifiable	Not Categorized	Not Classifiable

Health Hazard Information on Ingredient Table 3

Substance name	Reproductive toxicity	Specific Target Organ (Single Exposure)
2-Propanone	Category 2	Category 3(Respiratory tract irritation, Narcotic action)
2-Butanone	Not Categorized	Category 1(Central nervous system) Category 2(Kidney) Category 3(Respiratory tract irritation)
Acetic acid ethyl ester	Not Classifiable	Category 1(Respiratory system) Category 3(Narcotic action)

Health Hazard Information on Ingredient Table 4

Substance name	Specific Target Organ (Repeat Exposure)	Aspiration Respiratory Toxicity
2-Propanone	Category 2(Blood)	Category 2
2-Butanone	Category 1(Central nervous system, Peripheral nervous system)	Category 2
Acetic acid ethyl ester	Not Classifiable	Not Classifiable

12 Ecological information

Aqueous Milieu Hazard Information on Ingredient

Substance name	Hazardous to Aquatic Environment (Acute)	Hazardous to Aquatic Environment (Chronic)
2-Propanone	Not Categorized	Not Categorized
2-Butanone	Not Categorized	Not Categorized
Acetic acid ethyl ester	Not Categorized	Not Categorized

13 Disposal Considerations

- Content should be used up before disposal of container.
- Container/content should be disposed in accordance with local, regional and national regulations.

14 Transport Information

General Information: Follow general instructions described in the "Precautions on Handling and Storage".
 Ground Transportation: Transportation must be done in accordance with the appropriate regulations in case this product falls under a category of regulations such as Fire Service Law (Japan), Industrial Safety and Health Law (Japan), etc.
 Marine Transportation: Comply stipulation of appropriate maritime regulations.
 Air Transportation: Comply stipulations of appropriate air transportation regulations.
 UN Number: 1263

15 Regulatory Information

Particular hazards associated with the preparation and safety recommendations:

16 Other Information

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

R11: Highly flammable
 R36: Irritating to eyes
 R66: Repeated exposure may cause skin dryness or cracking
 R67: Vapours may cause drowsiness and dizziness

Full text risk of H-statements referred to under sections 2 and 3:

H225: Highly flammable liquid and vapour
 H319: Causes serious eye irritation
 H336: May cause drowsiness or dizziness
 EUH066: Repeated exposure may cause skin dryness or cracking

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Parts of the Safety Data Sheet marked with red line are updated.