

Safety data sheet
According to 1907/2006/CE, Article 31

Stampato il: 12/04/2016

Versione No: 1.0

Revisione: 12/04/2016

Trade name: *ESD EMITTER VCI2000*

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

- 1.1 Product identifier:

- Trade name: ESD EMITTER VCI2000

- 1.2 Relevant identified uses of the substance or mixture and uses advise against:

- AC38 Packaging Material for metal parts, releasing grease/corrosion inhibitors

- 1.3 Details of the supplier of the safety data sheet:

- **Manufacturer/Supplier: Grofit Plastics**

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- Tel: +972-8-6357712

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SECTION 2: Hazards identification

- 2.1 Classification of the substance or mixture:

- Classification according to Regulation (EC) No 1272/2008

Non – hazardous substance according to GHS.

- 2.2 Label elements:

- Labelling according to Regulation (EC) No. 1272/2008

The product is not labelled according to Regulation EC and International corresponding legislation .

- 2.3 Other hazards:

This substance do not contain persistent, bioaccumulative, toxic elements or very persistent and very bioaccumulative (vPvB) in concentration > 0.1%

SECTION 3: Composition/information on ingredients

- 3.1 Mixtures:

- **Description:** Mixture of substances with additions:

CAS:9002-88-4	Polyethylene	> 90%
CAS:	Anti corrosion inhibitor mixtures	< 10%

Safety data sheet

According to 1907/2006/CE, Article 31

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- **Additional information:** for the wording of the listed risk phrases refer to section 16.

SECTION 4: first aid measures

- **4.1 Description of first aid measures**

General information: No specific measures are required

After inhalation: supply fresh air and in case of symptoms consult a doctor.

After skin contact: wash with plenty of soap and water.

After eye contact: rinse opened eye for several minutes under running water.

After swallowing: do not try to induce vomiting, call immediately for a doctor

- **4.2 Most important symptoms and effects, both acute and delayed:**

Most important symptoms are described on label sections 2.2 or section 11 on this safety data sheet.

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

No further relevant information available.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**

Suitable extinguishing agents: CO₂, extinguishing powder and water spray. Fight larger fire with water spray or alcohol resistant foam.

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

In case of fire can be released water (H₂O), carbon dioxide (CO₂) and with a lack of oxygen carbon monoxide (CO). In earlier stages can be formed hydrocarbons and aldehydes.

- **5.3 Advice for firefighters**

If necessary wear independent respirator to fight fire.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures:**

Use individual protection equipment. Avoid dust formation. Avoid to inhale vapors, gas, smoke. Do NOT inhale dust.

- **6.2 Environmental precautions :**

Do not allow the product to reach sewage system/ surface water/ groundwater

- **6.3 Methods and material for containment and cleaning up:**

Withdraw and ensure to dispose materials avoiding dust formation. Sweep and shovel. Store in appropriate and sealed container for disposal.

- **6.4 Reference to other section:**

See section 7 for information on safe handling.

See section 8 for information on personal protection equipment.

See section 13 for disposal information.

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SECTION 7: Handling and storage

- 7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace. Observe usual hygienic – sanitary work measures. Do not drink, eat, smoke while working.

- 7.2 Conditions for safe storage, including any incompatibilities

Storage

- **Requirements to be met by storerooms and receptacles:** store in a well – ventilated place. Keep it cool in the original package.

- **Information about storage in one common storage facility:** keep away from foodstuff, beverages, feed.

- **Further information about storage conditions:** Keep away from sources of heat.

- 7.3 Specific end use(s)

No further relevant information available except the ones described in item 1.2

SECTION 8: Exposure controls/personal protection

- 8.1 Control parameters:

Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information: the lists valid during the making were used as basis.

- 8.2 Exposure controls:

Personal protective equipment:

General protective and hygienic measures:

The usual precautionary measures should be adhered while handling chemicals. Do not drink, eat, smoke during work. Wash hands before breaks and at the end of work. Keep away from foodstuff, beverages and feed.

Eye/ face protection:

Not required. Use respiratory devices in case of smoke and dust.

Protection of skin

Manipulate with gloves. Gloves have to be checked before the use. Use the appropriate technique removing gloves (DO NOT touch the outer surface of gloves) in order to avoid skin contact. Dispose gloves after use according to current legislation and optimal lab techs. Chosen protective gloves shall comply with Directive UE 89/686/CEE and derived standards EN 374.

- full contact

Material: nitrile rubber

Minimum thickness: 0,11 mm

Permeation time: 480 min

Physical protection

Not required. If you want a protection choose a physical protection according to physical features, concentration, quantity of hazardous substances and type of working place. Protective equipment has to be selected in order to concentration and quantity of hazardous substances at working place.

Safety data sheet

According to 1907/2006/CE, Article 31

Stampato il: 12/04/2016

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 Trade name: *ESD EMITTER VCI2000*
Respiratory protection

Not required. If you want protection from dust, wear dust mask with filters typo P1 (EN143). Use respiratory and components tested and approved by competent authorities like NIOHS (for USA), CEN (for UE).

Environmental exposure control

No specific measures are required for environmental protection.

SECTION 9: Physical and chemical properties

- 9.1 Information on basic physical and chemical properties:
- General information
- Appearance:

- Form:	solid
- Colour:	green
- Odour:	characteristic
- Odour threshold:	Not determined

- pH value:	Not applicable
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- Change in condition

Melting point/Melting range:	85°C/140°C
Boiling point/Boiling range:	Not applicable

- Flash point:	341° C
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- Flammability (solid, gaseous):	Not Flammable
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- Ignition temperature:	330-410°C
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- Danger of explosion:	Product is not explosive
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- Density at 20°C:	1,01 – 1,10 g/cm3
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- Solubility in / Miscibility with water:	Insoluble
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SECTION 10: Stability and reactivity

- **10.1 Reactivity:** None

- **10.2 Chemical stability:** the product is stable if used according to specifications.

- **10.3 Possibility of hazardous reactions:** No dangerous reactions known.

- **10.4 Conditions to avoid:** No further relevant information available.

- **10.5 Incompatible materials:** No further relevant information available .

- **10.6 Hazardous breakdowns products:**

- Carbon monoxide, carbon dioxide, aldehydes, hhydrocarbon, ketone

Safety data sheet
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SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**

Acute toxicity:

LD/LC50 values taken for classification:

Estimated: LD50. Real > 5.000 mg/kg (OECD Test Guideline 401).

Primary irritant effect:

Skin: non – irritant

Eyes: non – irritant

Sensitisation: not known.

Additional toxicological information: the product do not have classification obligation according to Community general directive calculation about the classification of mixtures in his latest valid version. Based on our experience and available information the product is not dangerous for health if well manipulate and used in according to regulations.

SECTION 12: Ecological information

- **12.1 Toxicity**

Aquatic toxicity: None

Additional information: Hazard for water class I (D) (self – classified) : low hazard.

Do not allow the product to reach sewage system/ surface water/ groundwater

- **12.2 Persistence and degradability :** No further information are available

- **12.3 Bioaccumulative potential:** No further information are available.

- **12.4 Mobility in soil:** No further information are available.

Additional ecological information:

This product has been screened and is compatible with repulping operations. Paper mills have approved it for general recycling, as a result, we recommend recycling.

- **12.5 Results of PBT and vPvB assessment:**

- **PBT:** Not applicable

- **vPvB:** Not applicable

- **12.6 Other adverse effects:** No further information are available

Safety data sheet

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SECTION 13: Disposal considerations

13.1 Waste treatment methods

- **Recommendation:** Must not be disposed together with household garbage. Do not allow the product to reach sewage system. Paper mills have approved it for general recycling, as a result, we recommend recycling.

European waste catalogue	
15 00 00	Wastes from the manufacturer, absorbents, rags, filter materials, protective clothing (unspecified)
15 01 00	Packaging (also urban garbage for separate collection)
15 01 02	Plastic packaging

· **Uncleaned packaging:**

· **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

- 14.1 UN – Number		
ADR/RID: -----	IMDG: -----	IATA: -----
- 14.2 UN Proper shipping name		
ADR/RID: Not dangerous goods	IMDG: Not dangerous goods	IATA: Not dangerous goods
- 14.3 Transport hazard class (es) :		
ADR/RID: -----	IMDG: -----	IATA: -----
- 14.4 Packing group:		
ADR/RID: -----	IMDG: -----	IATA: -----
- 14.5 Environmental hazards:		
ADR/RID: no	IMDG Marine pollutant: no	IATA: no
- 14.5 Special precautions for user: Not applicable		

SECTION 15: Regulatory information

This safety data sheet are in accordance with Regulation (CE) Num. 1272/2008

Safety data sheet

According to 1907/2006/CE, Article 31

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- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
 - Not applicable
 - **15.2 Chemical safety assessment:**
- A chemical safety assessment has not been carried out

SECTION 16: Other information

This information contained herein is based on available data from reliable sources and is accurate to the best of Grofit Plastics's knowledge at the time of this publication. Grofit Plastics makes no warranty, expressed or implied, of merchantability or fitness for a particular purpose, course of performance or usage for trade. The user is solely responsible for determining the suitability and completeness of such information for their particular application and for adopting appropriate safety precautions. Physical properties listed within are typical values based on samples tested and should not be construed as guaranteed analysis of any specific lot or as specifications for the product. This information is not intended to be all-inclusive as to the manner and conditions of use, handling and storage. Other factor may involve additional safety or performance considerations. This data is not to be taken as a warranty or representation for which Grofit Plastics assumes legal or financial responsibility.

- **Further information are available :**

- Tel: +972-8-6357712
- Email: info@grofitplastics.com

- **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)

CAS: Chemical Abstracts Service (division of the American Chemical Society)

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

H314: Provoca gravi ustioni cutanee e gravi lesioni oculari

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

PBT: Persistent, Bioaccumulative and Toxic

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail).

vPvB: very Persistent and very Bioaccumulative

VCI: Volatile Corrosion Inhibitors (USA, EU)