

## Safety Data Sheet

In accordance with Regulation (EC) No. 1907/2006 and No. 453/2010

### Section 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Trade name: RT-GS-E2

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

Super strong glue sticks designed for gluing together heavy construction materials and metals

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

|                                                            |                                             |
|------------------------------------------------------------|---------------------------------------------|
|                                                            | Rawlplug S.A.                               |
|                                                            | ul. Kwidzyńska 6                            |
|                                                            | 51-416 Wrocław                              |
|                                                            | Poland                                      |
| Telephone number (Fax)                                     | +48 (0) 71 32 60 100 (+48 (0) 71 37 26 111) |
| E-mail address of competent person responsible for the SDS | infochem@rawlplug.com                       |

**1.4. Emergency telephone number :** 0048 661 970 365 (Monday-Friday: 8.00-16.00, English)

### Section 2: Hazards identification

The Adhesive is 100 % made of:

|                                          |                |
|------------------------------------------|----------------|
| ETHYLENE / VINYL ACETATE COPOLYMER (EVA) | CAS 24937-78-8 |
| SYNTHETIC RESINS                         | CAS 8050-26-8  |
| SYNTHETIC RESINS                         | CAS 73597-48-5 |

### Section 3: : Composition/information on ingredients

Inhalation: a long exposure to vapours of the molten product can be irritating for the respiratory tract.

Ingestion/aspiration: ingestion is easy to avoid and it is not usual.

Contact with skin or eyes: contact with molten product causes burns. The long exposure to vapours of the molten product can irritate the eyes.

General toxic effects: a long exposure to vapours of the molten product can be irritating for the respiratory tract. Contact with molten product causes burns.

### Section 4: First aid measures

Inhalation: In case of symptoms, move the subject to a ventilated place. Look for medical assistance if the symptoms persist.

Eyes: In case of contact of the molten product with the eyes, rinse with clean cold water at least during 15 minutes. Look for medical assistance immediately.

Skin: If contact with the skin happens, wash immediately with lot of clean cold water and soap. Never try to remove the product from the skin. Look for medical assistance.

Ingestion: It is not preview that the material is absorbed by the digestive tract, so it would not be necessary to provoke vomit.

Note to the physician: Burns have to be treated as thermic burns. The product will disappear progressively with the healing, so it is not necessary to remove it immediately from the skin.

### Section 5: Firefighting measures

Extinguishing agents: dry chemicals, foam and CO<sub>2</sub>.

Non suitable extinguishing agents: the application of a water flow directly disperses the material.

Dangerous combustion products: CO<sub>2</sub>, carbon monoxide, water vapour.

Especial measures: Not applicable.

Unusual danger of fire and explosion: The material in powder condition may form explosive combinations of powder and air.

Protective equipment: fire-resistant clothing and gloves

## Section 6: Accidental release measures

Environmental cautions: isolate the released product and keep it away from aquifers. Avoid its dispersion.

Cleaning methods: the released product has to be collected into appropriate packaging to avoid slides.

Personal cautions: avoid contact with the molten product, as well as with vapours. Keep unnecessary staff away.

Personal protection: use appropriate clothing and gloves to avoid contact with molten product. In case of vapours from molten product, it is recommended to use a protective mask.

## Section 7: Handling and storage

Personal precaution measures: It is not necessary to take special caution as long as the product is used as established.

Fires and explosions prevention: Avoid contact with oxidizing materials. Reduce to the minimum the production/accumulation of powder.

Storage: Keep the packaging closed.

## Section 8: Exposure controls/personal protection

Threshold limit value (TLV) ACGIH: Not established.

Germany (MAK): Not established.

United Kingdom (OES): Not established.

Ventilation: It is recommended to change 10 times per hour the air volume of the working place. Adapt ventilation to the use conditions. In special circumstances, as bad ventilated places, mechanic powder generation, heating or drying systems, etc. it may be necessary to ventilate the place and/or use closed systems of respiratory protection.

Respiratory protection: If the mechanic controls do not keep the concentration at a suitable level, it must be used an authorised breather. Type of breather: powder.

Eyes protection: It is good industrial hygiene practices reduce to the minimum the eye exposure.

Skin protection: It is good industrial hygiene practices reduce to the minimum the contact with skin.

When the product is heated, use protective gloves to avoid burns.

## Section 9: Physical and chemical properties

Physic estate: Solid.

Colour: Clear brown/amber.

Smell: Odourless.

Smell threshold: Not applicable.

Density: 0.98 gr / cm<sup>3</sup>.

Vapour pressure: Negligible.

Evaporation rate: Not applicable.

Softening point: 90 C.

Water solubility: Negligible.

PH: Not applicable.

Sudden ignition temperature: 280 C.

Spontaneous ignition temperature: 305 C.

## Section 10: Stability and reactivity

Stability: Stable.

Incompatibility: The material may react with strong oxidizing agents.

Dangerous polymerization: Not happens

## Section 11: Toxicological information

No intoxications described because of the product.

Exposure ways: vapours of molten product inhalation and of the polymer powder. Ingestion is not probable.

Acute and chronic effects: contact with molten product causes burns. Vapours of molten product may irritate the respiratory tract.

## Section 12: Ecological information

Persistence and degradability: The EVA copolymer has long insoluble hydrocarbonated chains. No biodegradation issues known.

Ecotoxicology effects: no data available.

## Section 13: Disposal considerations

Disposal methods: Recycling and retrieval of the material when possible.

Elimination: controlled combustion.

Handling: labelled and closed packaging.

Local regulation: the collection, handling, removing or transport companies must accomplish the EU Directive 91/156/EEC, and any other locally relevant.

## Section 14: Transport information

Air: International Civil Aviation Organization (ICAO)

ICAO situation: not regulated.

Sea: International Maritime Dangerous Goods (IMDG)

IMDG situation: not regulated.

Road/Rail:

ADR / RID situation: not regulated

## Section 15: Regulatory information

Classification: not applicable.

Labelling: Symbols: not applicable.

Phrases R: not applicable.

Phrases S: not applicable.

## Section 16: Other information

**THE INFORMATION CONTAINED IN THIS MSDS IS BASED ON THE CURRENT EXPERIENCE AND KNOWLEDGE; NO LIABILITY ACCEPTED WITH RESPECT TO BE THE INFORMATION ENOUGH OR CORRECT IN ALL CIRCUMSTANCES. THE USER MUST CONSIDER THESE DATA AS ONLY A SUPPLEMENT OF ANY OTHER INFORMATION OBTAINED AND HAS TO REACH ITS OWN DETERMINATION ABOUT THE FITNESS AND SCOPE OF THE INFORMATION FROM ALL SOURCES TO ENSURE THE PROPER USE AND DISPOSAL OF THESE MATERIALS, SAFETY AND HEALTH OF EMPLOYEES AND CUSTOMERS AND PROTECTING THE ENVIRONMENT.**