



MATERIAL SAFETY DATA SHEET

Product Name: EMERALD

Revision Date: 20.08.2024

Revision No: MSDS-EMERALD-01

1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

1.1. Identification of substance or preparation

Name	ROADCHEM - EMERALD
Product Code	RDC8-9003-25
Class	Thermoplastic Spray Road Marking Paint

1.2. Company / undertaking identification

Registered company name	ROADCHEM RESİN BOYA VE MAKİNA LTD. ŞTİ.
Address	Ata Mahallesi Tralles Bulvarı No:6Aj Efeler-AYDIN / TURKIYE
Telephone	+90 256 502 55 09
Emergency phone number	+90 533 133 07 01

2. HAZARDS IDENTIFICATION

This product is not classed as flammable liquid. Refer to the recommendations regarding the other products present on the site.

This preparation is not classed as hazardous to health by directive 1999/45/EC.

3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1. Hazardous substances present on their own:

(Present in the preparation at a sufficient concentration to give it the toxicological characteristics it would have in a 100 % pure state)

This preparation contains no hazardous substance in this category.

3.2. Other substances representing a hazard:

No known substance in this category present.

3.3. Substances present at a concentration below the minimum danger threshold:

No known substance in this category present.

3.4. Other substances with occupational exposure limits:

No known substance in this category present.

4. FIRST AID MEASURES

As a general rule, in case of doubt or symptoms persist, always call a doctor.

Never induce swallowing in an unconscious person.

5. FIRE – FIGHTING MEASURES

Not relevant

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions:

Consult the safety measures listed under headings 7 and 8.

6.2. Environmental precautions:

Prevent any material entering drains or waterways.

6.3. Methods for cleaning up:

Clean preferably with a detergent, do not use solvents.

7. HANDLING AND STORAGE

The regulations relating to storage premises apply to workshops where the product is handled. Anyone suffering from respiratory problems or allergies must not handle or be exposed to powdered paints.

Handling:

Precautions must be taken to prevent any dust formation at a concentration higher than ignition or explosion concentration or the occupational exposure limits.

Fire prevention:

Prevent the accumulation of electrostatic charges with connections to earth.

The preparation may become electrostatically charged; always place on the ground during transfer. Wear antistatic shoes, clothes and make floors of conductive materials.

Use the product in premises where there are no naked flames or other sources of ignition, and there is protected electrical equipment.

Keep packages tightly and away from sources of heat, sparks and naked flames.

Prevent access by unauthorized personnel.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Use personal protection equipment as per Directive 89/686/EEC.

Technical measures:

Ensure adequate ventilation, if possible, with extractor fans at work posts and appropriate general extraction.

If this ventilation is insufficient to maintain the concentration of vapors below the exposure limits, wear breathing apparatus.

Avoid inhaling dust.

Personnel shall wear overalls laundered regularly.

Respiratory protection:

Where workers encounter concentration higher than exposure limits, they must wear suitable, approved masks.

Hand protection:

Protective creams may be used for exposed skin, but they should not be applied after contact with the product.

In the event of prolonged or repeated contact with the hands, use appropriate gloves.

Eye and face protection:

Use eye protectors designed to protect against liquid splashes.

Skin protection:

Wear suitable protective clothing.

These clothes shall be chosen to ensure there is no inflammation or irritation on the skin at the neck and wrist by contact with the powder.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. General Information

Physical state	Powder Or Dust
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9.2. Important Health, Safety and Environmental Information

PH of the substance or preparation	Neutral
When a PH measure is possible, it has a value of	Not Stated
Boiling point / boiling range	Not Specified
Flash point interval	Not Relevant
Vapor pressure	Not Relevant
Density	> 1
Water solubility	Insoluble

9.3. Other Information

Melting point / melting range	Not Specified
Self-ignition temperature	Not Specified
Decomposition point / decomposition range	Not Specified

10. STABILITY AND REACTIVITY

When exposed to the high temperatures, the preparation may release dangerous decomposition product such as carbon monoxide and dioxide, smoke and nitrogen oxide.

11. TOXICOLOGICAL INFORMATION

The preparation contains no substance classed as hazardous per directive 67/548/EEC.
Powder paints may cause local skin irritation, in folds in the skin or on contact with tight clothing (too tight fitting).

12. ECOLOGICAL INFORMATION

No ecological data on the product itself is available.

13. DISPOSAL CONSIDERATIONS

Do not pour into drains or waterways.

Waste Disposal:

Recycle or dispose of waste in compliance with current legislation, preferably via certified collector or company.
Do not contaminate the ground or water with waste; do not dispose waste into the environment.

Soiled packaging:

Make empty the container completely. Keep label(s) on container.
Give to a certified disposal contractor.

14. TRANSPORT INFORMATION

Exempt from transport classification and labeling.

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2005 – IMDG 2004 – ICAO/IATA 2005)

15. REGULATORY INFORMATION

This preparation was classified in compliance with the directive known as < All preparations > 1999/45/EC and its adaptations.

In addition, directive 2004/73/EC with the 29^o adaptation of directive 67/548/EEC (Hazardous substances) has been taken into account.

This preparation is not classed as hazardous to health by directive 1999/45/EC.

This product is not classed as flammable.

16. OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The product must not be used for any purposes other than those specified under heading 1 without first obtaining written handling instructions.

It is always the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information given on this safety data sheet must be regarded as a description of the safety requirements relating to our product and not a guarantee of its properties.

Prepared by person(s) who is certified according to the regulation.

Contact E-Posta: nezihsaglik@gmail.com

Certification Number: TÜV/11.174.06 | Effective Date: 05.12.2022 | Expiry Date: 05.12.2027

This Safety Data Sheet has been established in accordance with the applicable European Directives and applies to all countries that have translated the Directives in their national laws.

This information is based on our present state of knowledge. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application. Changes compared to the previous version are marked before the section number!