

Safety Data Sheet

According To Regulation (EC) No 1907/2006 (REACH)
**METALIUM EFFECT (B)
COMPANENT**

Version: 3.0
Form No: 330081

Preparation Date : 06/06/2018
Revision Date: 13/04/2020

1.IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier

Product Name METALIUM EFFECT (B) COMPANENT
Product Code 1517
SDS No 330081
Description Water based, special binder modied, contains micronised pure metal powderss, decorative metal coating.

1.2 Relevant Identified Uses Of The Product And Uses Advised Against

Relevant Identified Uses Suitable for interior
Uses Advised Against See chapter 16 for a general overview

1.3 Details Of The Supplier Of The Safety Data Sheet

Manufacturer Company DEKA BOYA SANAYİ VE TİCARET A.Ş.
Address S.S.İstanbul Mermereiler Küçük San.Sitesi Yapı Koop.
34.Cd.No:3 41490 Dilovası - Kocaeli / TURKEY
Telephone +90(262) 728 10 88 (Pbx)
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Company E-mail info@sandeco.com.tr
Company Web Page www.sandeco.com.tr

1.4 Information Providing Authority About Safety Data Sheet

[Kenan HAYAL – kenan.hayal@dekaboya.com.tr](mailto:kenan.hayal@dekaboya.com.tr)

1.5 Emergency Telephone Number

Company Emergency +90(216) 575 56 56 (Pbx)

2.HAZARDS IDENTIFICATION

2.1 Classification Of The Product

2.1.1 Classification According to Regulation (EC) No 1272/2008

The product is not classified as hazardous pursuant to the provisions set forth in Directives EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).
Skin corrosion/irritation, Category 2 H315
Serious eye damage/eye irritation, Category 2 H319

2.2 Label elements

2.2.1. Labeling According to Regulation (EC) No 1272/2008 [CLP¹/GHS²]

Product Identifier

Hazard Pictograms

Signal Word

WARNING



Hazard Statements

H315 Causes skin irritation.

H319 Causes serious eye irritation.



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Precautionary Statements

General

None

Prevention

P264 Wash hands, forearms and face with soap and water thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection

Response

P332 + P313 If skin irritation occurs: Get medical advice/ attention.

P337 + P313 If eye irritation persists: Get medical advice/ attention.

Storage

None

Disposal

None

Supplemental Hazard Information (EU) Statements

EUH205 Contains epoxy constituents. May produce an allergic reaction.

2.2.2. Additional Labeling

None

2.3 Other hazards

Adverse physicochemical, human health and environmental effects :

None known.

2.4. Additional Information

Full text of H- and EUH-phrases: see section 16.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Description Of The Substance

-

3.2 Hazardous ingredients

Information on ingredients / Hazardous components as per EU-CLP Regulation

CHEMICAL FAMILY: Polyamine Polymer Solution, The remaining components are trade secret.

NAME	EINECS NO	CAS NO	CONTENT %	CLASSIFICATION CLP
oxirane, reaction products with ammonia, N-benzyl derivativ	-	1191251-49-6	-	Skin Corr. 1B, H314 A quatic Chronic 3, H412

3.3 Additional information

Full text of H- and EUH-phrases: see section 16.

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4. FIRST AID MEASURES

4.1 Description of first aid measures

4.1.1 General advice

Seek medical advice. If breathing has stopped or is labored, give assisted respirations. Supplemental oxygen may be indicated. If the heart has stopped, trained personnel should begin cardiopulmonary resuscitation immediately.

4.1.2 Following inhalation

Move to fresh air. If breathing has stopped or is labored, give assisted respirations. Supplemental oxygen may be indicated. If the heart has stopped, trained personnel should begin cardiopulmonary resuscitation immediately.



4.1.3 Following skin contact

Wash off immediately with soap and plenty of water. Immediately remove contaminated clothing, and any extraneous chemical, if possible to do so without delay.

Wash off immediately with plenty of water for at least 15 minutes.



4.1.4 Following eye contact

Rinse immediately with plenty of water for at least 15 minutes. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses.



4.1.5 Following ingestion

Prevent aspiration of vomit. Turn victim's head to the side. If a person vomits when lying on his back, place him in the recovery position. Never give anything by mouth to an unconscious person.



4.2. Most important symptoms and effects, both acute and delayed

Symptoms : Repeated and/or prolonged exposure to low concentrations of vapors and/or aerosols may cause: Sore throat.

Hazards : None known.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.



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5. FIRE- FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing agents:

Fire can be extinguished using:

Carbon dioxide (CO₂)

Dry chemical

Dry sand

Limestone powder Alcohol-resistant foam

Unsuitable extinguishing media:

no data available

5.2 Special hazards arising from the substance or mixture

Incomplete combustion may form carbon monoxide.

May generate ammonia gas.

May generate toxic nitrogen oxide gases.

Burning produces noxious and toxic fumes.

Downwind personnel must be evacuated.

5.3 Advice for fire-fighters

Use personal protective equipment.

Wear self-contained breathing apparatus for firefighting if necessary.

Avoid contact with skin.

A face shield should be worn.

Do not allow run-off from fire fighting to enter drains or water courses.

Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Evacuate personnel to safe areas. Wear suitable protective clothing, gloves and eye/face protection.

6.2. Environmental precautions

Construct a dike to prevent spreading.

6.3. Methods and material for containment and cleaning up

Place in appropriate chemical waste container. Approach suspected leak areas with caution.

Call Emergency Response number for advice.

If possible, stop flow of product.

Open enclosed spaces to outside atmosphere.

6.4. Reference to other sections

For further information on exposure monitoring and disposal see sections 8 and 13.



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7.HANDLING AND STORAGE

7.1. Precautions for safe handling :

Advice on safe handling :

Use personal protective equipment.

Avoid contact with eyes.

Emergency showers and eye wash stations should be readily accessible.

Adhere to work practice rules established by government regulations.

Hygiene measures :

Provide readily accessible eye wash stations and safety showers.

General protective measures :

Wash hands at the end of each workshift and before eating, smoking or using the toilet.

7.2. Conditions for safe storage, including any incompatibilities

Prevention of fire and explosion

Information : No special measures required.

Storage

Information : Keep containers tightly closed in a dry, cool and well-ventilated place.

7.3. Specific end use(s)

No additional information available

8.EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

No data available

8.2. Exposure controls

Appropriate engineering controls :

Provide readily accessible eye wash stations and safety showers. Provide natural or explosion-proof ventilation adequate to ensure concentrations are kept below exposure limits.

Eye protection :

Chemical resistant goggles must be worn.

Hand protection :

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Neoprene gloves Polyvinyl Alcohol Gloves (PVA). Impervious gloves

Body Protection :

No specific recommendation. Long sleeve shirts and trousers without cuffs.

Respiratory protection :

Not required for properly ventilated areas. Wear appropriate respirator when ventilation is inadequate.



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9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state :	Liquid
Colour :	Amber
Odour :	Ammoniacal
Odour threshold :	No data available
pH :	No data available
Melting point :	Melting point/range < 10 °C
Freezing point :	No data available
Boiling point :	Boiling point/range > 100 °C
Flash point :	> 93,34 °
Evaporation rate:	No data available
Flammability:	No data available
Upper Explosion/Ignition Limit:	No data available
Lower explosion limit :	No data available
Vapour pressure:	19,999 hPa
Relative vapour density :	No data available
Relative density :	1,05 +/- 0,02 g/cm ³
Solubility :	Water: Soluble
Log Pow :	No data available
Viscosity :	105-115 KU
Explosive properties :	No data available
Oxidising properties :	No data available
Explosive limits :	No data available

9.2. Other information

No additional information available.

10. STABILITY AND REACTIVITY

10.1 Reactivity

See section "Possibility of hazardous reactions"

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

10.4 Conditions to avoid:

No data available

10.5 Incompatible materials:

Organic acids (i.e. acetic acid, citric acid etc.).

Mineral acids.

sodium hypochlorite

Reaction with peroxides may result in violent decomposition of peroxide possibly creating an explosion.

Oxidizing agents



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10.6 Hazardous decomposition products:

Carbon monoxide

Carbon dioxide (CO₂)

Nitrogen oxides (NO_x)

Nitrogen oxide can react with water vapors to form corrosive nitric acid.

Ammonia

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity (oral):

No data is available on the product itself.

Acute toxicity (inhalation):

No data is available on the product itself.

Acute toxicity (dermal):

No data is available on the product itself.

Irritation/corrosion of the skin :

Result: Skin irritation

Classification: Irritating to skin.

Result: Irritating to eyes.

Serious eye damage/ eye :

Irritation

Respiratory/skin sensitization :

No data is available

Repeated dose toxicity:

No data is available

CMR assessment

Carcinogenicity :

No data is available

Mutagenicity :

No data is available on the product itself.

Teratogenicity :

No data is available on the product itself.

Toxicity to reproduction :

No data is available on the product itself.

Specific Target Organ :

No data is available

Toxicity - Single exposure

Specific Target Organ :

No data is available

Toxicity - Repeated exposure

Aspiration hazard :

No data is available

12. ECOLOGICAL INFORMATION

Ecotoxicology Assessment

Acute aquatic toxicity :

No data is available

Chronic aquatic toxicity :

No data is available

12.1. Toxicity

Aquatic toxicity, fish:

No data is available.

Aquatic toxicity, invertebrates:

No data is available

Aquatic toxicity, algae / aquatic plants:

No data is available

Toxicity in microorganisms :

No data is available

chronic toxicity in fish :

No data is available

Chronic toxicity in aquatic Invertebrates :

No data is available



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12.2. Persistence and degradability

Photodegradation : No data is available

Biological degradability : No data is available

12.3. Bioaccumulative potential

According to the data on the components: Not potentially bioaccumulable.

METALIUM EFFECT (B) COMPONENT	
Bioaccumulative potential	No additional information available

12.4 Mobility in soil

METALIUM EFFECT (B) COMPONENT	
Mobility in soil	No additional information available

12.5 Results of PBT and vPvB assessment

No additional information available

12.6 Other adverse effects

General Information : Do not allow to enter soil, waterways or waste water canal.

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Product :

Contact supplier if guidance is required.

Contaminated packaging :

Dispose of container and unused contents in accordance with federal, state, and local requirements

14. TRANSPORT INFORMATION

Not dangerous according to transport regulations.

14.1. UN number: --

14.2. UN proper shipping name: --

14.3. Transport hazard class(es): --

14.4. Packing group: --

14.5. Environmental hazards: --

14.6 Special precautions for user: No

15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. National regulations

Regulatory reference :

Waste Management Regulation published in the Official Journal numbered 29314 on April 2, 2015
Regulation on Test Methods that will be Applied to Determine the Physicochemical, Toxicological and Ecotoxicological Properties of Substances and Mixtures published in the Official Journal numbered 28848 on December 11, 2013



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Regulation on Health and Safety Precautions When Working with Chemical Substances published in the Official Journal numbered 28733 on August 12, 2013

Regulation on Inventory and Control of Chemicals published in the Official Journal numbered 27092 on December 26, 2008

Regulation on Restriction and Prohibition of Hazardous Substances and Mixtures published in the Official Journal numbered 27092 on December 26, 2008.

This product doesn't contain any substances that is controlled or prohibited for use according to the Regulation for Reduction of Ozone Depleting Substances published in the Official Journal numbered 27052 on November 12, 2008.

16. OTHER INFORMATION

16.1 Other information

For additional information regarding **DEKA BOYA SANAYİ VE TİCARET A.Ş** products and services please contact the **DEKA BOYA SANAYİ VE TİCARET A.Ş** +90(216) 575 56 56 (Pbx)

The above information complies with the 1907/2006 Directives and their amendments. In all cases of potential poisoning supportive therapy is of the utmost importance.

16.2 Related Person

Kenan HAYAL – kenan.hayal@dekaboya.com.tr

DEKA BOYA SANAYİ VE TİCARET A.Ş

Prepared by : Uğur BİLGİLİ

Competent Person Accreditation no: TSE GBF-A-2350

16.3 Revision Date, Version and SDS no

Date : April 13, 2020

Version : 3.0/EN

SDS No : 330081

6.4 Reason of re-issue

Compiling according to Regulation (EC) No 1272/2008[CLP /GHS]

16.5 Relevant H- and EUH-phrases (number and full text):

H315 Causes skin irritation.

H319 Causes serious eye irritation.

16.6 Legal disclaimer

The purpose of the above information is to describe the products only in terms of health and safety requirements.

The information given should not, therefore, be construed as guaranteeing specific properties or as specification.

Customers should satisfy themselves as to the suitability and completeness of such information for their own particular use.

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 above information relates only to the specific material(s) designated herein and may not be valid for such material(s) used in combination with any other materials or in any process or if the material is altered or processed, unless specified in the text.



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The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. Due to the many factors outside our control when using this product, we cannot accept liability for any injury, accident, loss or damage caused through its use.

- 1 CLP : Classification Labeling and Packaging
- 2 GHS : Global Harmonised System
- 3 TLV :Threshold Limit Value
- 4 TWA: A Time-Weighted Average
- 5 STEL: A Short Term Exposure Limit
- 6 mg/m³: the amount of the Material in milliliters in 1 m³ air At 20 oC & 101, 3 KPa.
- 7 Ppm: parts per million, the amount of the Material in milliliters in 1 m³ air. (ml/m³)
- 8 ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
- 9 RID : Regulations Concerning the International Transport of Dangerous Goods by Rail
- 10 IMDG: International Maritime Code for Dangerous
- 11 Goods ICAO: International Civil Aviation Organization
- 12 IATA: International Air Transport Association