

Safety Data Sheet

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

Version: 3.0
Form No: 330080

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 (A) COMPANENT

Product Code 1516

SDS No 330080

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 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 Mermerciler Küçük San.Sitesi Yapı Koop.
34.Cd.No:3 41490 Dilovası - Kocaeli / TURKEY

Telephone +90(262) 728 10 88 (Pbx)

Fax +90(262) 728 10 71

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

Skin sensitisation, Category 1 H317

Hazardous to the aquatic environment — Chronic Hazard, Category 2 H411

Full text of H-statements: see section 16

2.2 Label elements

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

Product Identifier

Hazard Pictograms

Signal Word

WARNING





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Hazardous ingredients

reaction product: bisphenol-A-(epichlorhydrin), epoxy resin (number average molecular weight ≤ 700); oxirane, mono[(C12-14-alkyloxy)methyl] derivs.

Hazard Statements

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H411 Toxic to aquatic life with long lasting effects.

Precautionary Statements

General

None

Prevention

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

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

P272 - Contaminated work clothing should not be allowed out of the workplace.

P273 - Avoid release to the environment.

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

Response

P302+P352 Wash with plenty of water in contact with skin

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P501 Dispose of contents/container to hazardous or special waste collection point.

Storage

None

Disposal

None

Supplemental Hazard Information (EU) Statements

None

2.2.2. Additional Labeling

None

2.3 Other hazards

Adverse physicochemical, human health and environmental effects :

Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation.

Toxic to aquatic life with long lasting effects.

2.4. Additional Information

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

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3.COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Description Of The Substance

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3.2 Hazardous ingredients

NAME	EINECS NO	CAS NO	CONTENT %	CLASSIFICATION CLP
reaction product: bisphenol-A-(epichlorhydrin), epoxy resin (number average molecular weight ≤ 700)	500-033-5	25068-38-6	20 – 40	Eye Irrit. 2, H319 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 2, H411
oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	271-846-8	68609-97-2	3 - 5	Skin Irrit. 2, H315 Skin Sens. 1, H317

3.3 Additional information

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

4. FIRST AID MEASURES

4.1 Description of first aid measures

4.1.2 Following inhalation

Remove person to fresh air and keep comfortable for breathing
Obtain medical attention.



4.1.3 Following skin contact

Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.



4.1.4 Following eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists : Get medical advice/attention.



4.1.5 Following ingestion

Call a poison center or a doctor if you feel unwell.



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

Symptoms/effects after skin contact : Irritation. May cause an allergic skin reaction.
Symptoms/effects after eye contact : Eye irritation.

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).

Foam powder.

Dry powder.

Water spray.

5.2 Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire:

Toxic fumes may be released.

5.3 Advice for fire-fighters

Protection during firefighting :

Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures :

Ventilate spillage area. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray

6.1.2. For emergency responders

Protective equipment :

Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment : Collect spillage.

Methods for cleaning up : Take up liquid spill into absorbent material.

Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 1

7. HANDLING AND STORAGE

7.1. Precautions for safe handling :

Precautions for safe handling:

Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment. Avoid breathing dust/fume/gas/mist/vapours/spray.

Hygiene measures :

Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.



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7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep cool.

7.3. Specific end use(s)

No additional information available

8.EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

No additional information available

8.2. Exposure controls

Appropriate engineering controls :	Ensure good ventilation of the work station.
Hand protection :	Protective gloves
Eye protection :	Safety glasses
Skin and body protection :	Wear suitable protective clothing
Respiratory protection : respiratory equipment	In case of insufficient ventilation, wear suitable
Environmental exposure controls :	Avoid release to the environment.

9.PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state :	Liquid
Colour :	Clear
Odour :	Characteristic
Odour threshold :	No data available
pH :	No data available
Relative evaporation rate (butylacetate=1) :	No data available
Melting point :	Not applicable
Freezing point :	No data available
Boiling point :	No data available
Flash point :	No data available
Decomposition temperature :	No data available
Flammability (solid, gas):	Not applicable
Vapour pressure :	6.7 hPa
Relative vapour density at 20 °C :	No data available
Relative density :	No data available
Density :	1.00 - 1.10 g/cm ³
Solubility :	Water: Soluble
Log Pow :	No data available
Viscosity :	135 KU
Explosive properties :	No data available
Oxidising properties :	No data available
Explosive limits :	No data available

9.2. Other information

No additional information available.



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10. STABILITY AND REACTIVITY

10.1 Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4 Conditions to avoid:

None under recommended storage and handling conditions (see section 7).

10.5 Incompatible materials:

No additional information available

10.6 Hazardous decomposition products:

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity :	Not classified
Skin corrosion/irritation :	Causes skin irritation.
Serious eye damage/irritation :	Causes serious eye irritation.
Respiratory or skin sensitisation :	May cause an allergic skin reaction.
Germ cell mutagenicity :	Not classified
Carcinogenicity :	Not classified
Reproductive toxicity :	Not classified
STOT-single exposure :	Not classified
STOT-repeated exposure :	Not classified
Aspiration hazard :	Not classified

12. ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology – general :	Toxic to aquatic life with long lasting effects.
Acute aquatic toxicity :	Not classified
Chronic aquatic toxicity :	Toxic to aquatic life with long lasting effects.

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

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

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Bioaccumulative potential	No additional information available
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12.4 Mobility in soil

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Mobility in soil	No additional information available
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12.5 Results of PBT and vPvB assessment

No additional information available

12.6 Other adverse effects

Ozone : Not classified
Other adverse effects : No additional information available
GWPmix comment : No known effects from this product.

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste treatment methods :

Dispose of contents/container in accordance with licensed collector's sorting instructions.

14. TRANSPORT INFORMATION

ADR	IMDG	IATA	ADN	RID
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14.1. UN number

3082	3082	3082	3082	3082
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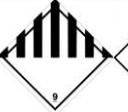
14.2. UN proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
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Transport document description

UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III, (E)	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III, MARINE POLLUTANT	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III
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14.3. Transport hazard class(es)

9 	9 	9 	9 	9 
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14.4. Packing group

III	III	III	III	III
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14.5. Environmental hazard

Dangerous for the environment : Yes	Dangerous for the environment : Yes Marine pollutant : Yes	Dangerous for the environment : Yes	Dangerous for the environment : Yes	Dangerous for the environment : Yes
No supplementary information available				

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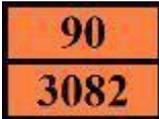
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14.6. Special precautions for user

- Overland transport

Classification code (ADR) :	M6
Special provisions (ADR) :	274, 335, 601, 375
Limited quantities (ADR) :	5l
Excepted quantities (ADR) :	E1
Packing instructions (ADR) :	P001, IBC03, LP01, R001
Mixed packing provisions (ADR) :	MP19
Portable tank and bulk container instructions :	T4 (ADR)
Portable tank and bulk container special :	TP1, TP29 provisions (ADR)
Tank code (ADR) :	LGBV
Vehicle for tank carriage :	AT
Transport category (ADR) :	3
Special provisions for carriage - Packages :	V12 (ADR)
Special provisions for carriage - Loading, unloading and handling (ADR)	CV13
Hazard identification number (Kemler No.) :	90
Orange plates:	

Tunnel restriction code (ADR)

E

- Transport by sea

Special provisions (IMDG) :	274, 335, 969
Limited quantities (IMDG) :	5 L
Excepted quantities (IMDG) :	E1
Packing instructions (IMDG) :	P001, LP01
Special packing provisions (IMDG) :	PP1
IBC packing instructions (IMDG) :	IBC03
Tank instructions (IMDG) :	T4
Tank special provisions (IMDG) :	TP2, TP29
EmS-No. (Fire) :	F-A
EmS-No. (Spillage)	S-F
Stowage category (IMDG) :	A

- Air transport

PCA Excepted quantities (IATA):	E1
PCA Limited quantities (IATA) :	Y964
PCA limited quantity max net quantity (IATA):	30kgG
PCA packing instructions (IATA):	964
PCA max net quantity (IATA):	450L
CAO packing instructions (IATA):	964
CAO max net quantity (IATA):	450L
Special provisions (IATA):	A97, A158, A197
ERG code (IATA):	9L



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- Inland waterway transport

Classification code (ADN): M6
Special provisions (ADN): 274, 335, 375, 601
Limited quantities (ADN): 5 L
Excepted quantities (ADN): E1
Carriage permitted (ADN): T
Equipment required (ADN): PP
Number of blue cones/lights (ADN): 0

- Rail transport

Classification code (RID): M6
Special provisions (RID): 274, 335, 375, 601
Limited quantities (RID): 5L
Excepted quantities (RID) : E1
Packing instructions (RID) : P001, IBC03, LP01, R001
Special packing provisions (RID) : PP1
Mixed packing provisions (RID) : MP19
Portable tank and bulk container instructions : T4
(RID)
Portable tank and bulk container special : TP1, TP29
provisions (RID)
Tank codes for RID tanks (RID) : LGBV
Transport category (RID) : 3
Special provisions for carriage – Packages : W12
(RID)
Special provisions for carriage - Loading, : CW13, CW31
unloading and handling (RID)
Colis express (express parcels) (RID) : CE8
Hazard identification number (RID) : 90

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not applicable

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

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



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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 : 33008030

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.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H411 Toxic to aquatic life with long lasting effects.

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