

SAFETY DATA SHEET

[In accordance with the criteria of Regulation No 1907/2006 (REACH) as amended]

Date of issue: 26.04.2022

Version: 1.0/EN

INRAL

**TRADE NAME: INRAL METAL PAINT 4IN1, GOLD, MATT,
400ML METAL ANTI-CORROSION PAINT**

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

1.1 Product identifier

Trade name: INRAL METAL PAINT 4in1, Gold, matt, 400ml metal anti-corrosion paint

Article number: 26-8-3-003

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: quick-drying spray paint to obtain a structural effect on various surfaces made of wood, metal, brick, concrete, plasterboard, etc. It creates a uniform decorative coating. For individual use.

Uses advised against: not determined.

1.3 Details of the supplier of the safety data sheet

Manufacturer:

UAB TEGRA STATE

Savanoriu ave.178A, LT-03154 Vilnius, LITHUANIA

Tel.: +37052661167

www.tegrastate.eu

E-mail: info@tegragroup.eu

1.4 Emergency telephone number

112

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Aerosol 1 H222-H229, Asp. Tox. 1 H304*, Skin Irrit. 2 H315, Eye Irrit. 2 H319, Acute Tox. 4 H332, STOT SE 3 H335, STOT RE 2 H373, Aquatic Chronic 2 H411

Extremely flammable aerosol. Pressurised container: May burst if heated. May be fatal if swallowed and enters airways. Causes skin irritation. Causes serious eye irritation. Harmful if inhaled. May cause respiratory irritation. May cause damage to organs through prolonged or repeated exposure. Toxic to aquatic life with long lasting effects.

* it is not required to label the product in terms of this hazard when placed on the market in aerosol containers.

2.2 Label elements

Hazard pictograms and signal words



Names of hazardous components placed on the label

Contains: reaction mass of ethylbenzene and xylene; reaction mass of ethylbenzene and m-xylene and p-xylene.

Hazard statements

H222 Extremely flammable aerosol.

H229 Pressurised container: May burst if heated.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

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- H335 May cause respiratory irritation.
H373 May cause damage to organs through prolonged or repeated exposure.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

- P102 Keep out of reach of children.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211 Do not spray on an open flame or other ignition source.
P251 Do not pierce or burn, even after use.
P273 Avoid release to the environment.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P501 Dispose of contents/container to properly labelled waste containers according to national law.

Additional information

- EUH 208 Contains fatty acids, C18-unsaturated., dimers, compounds. with coco alkylamines; cobalt bis(2-ethylhexanoate). May produce an allergic reaction.

2.3 Other hazards

The components of this mixture do not meet the criteria for PBT or vPvB in accordance with Annex XIII of REACH. The product does not contain substances included in the list established in accordance with Article 59(1) for having endocrine disrupting properties, or substances identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 (3) or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0.1 % by weight.

Section 3: Composition/information on ingredients

3.1 Substances

Not applicable.

CAS: 115-10-6 EK: 204-065-8 Indeksa numurs: 603-019-00-8 Atbilstošās reģistrācijas numurs: 01-2119472128-37-XXXX	dimethyl ether ^{1,2} Flam. Gas 1 H220, Press. Gas H280	< 45 %
CAS: - EKA reģistrācijas numurs: 905-588-0 Indeksa numurs: - Atbilstošās reģistrācijas numurs: 01-2119488216-32-XXXX	reaction mass of ethylbenzene and xylene ^{1),2)} Flam. Liq. 3 H226, Asp. Tox. 1 H304, Acute Tox. 4 H312, Skin Irrit. 2 H315, Eye Irrit. 2 H319, Acute Tox. 4 H332, STOT SE 3 H335, STOT RE 2 H373	< 23 %
CAS: 141-78-6 EK: 205-500-4 Indeksa numurs: 607-022-00-5 Atbilstošās reģistrācijas numurs: 01-2119475103-46-XXXX	ethyl acetate ¹⁾²⁾ Flam. Liq. 2 H225, Eye Irrit. 2 H319, STOT SE 3 H336, EUH066 3)	< 13 %

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CAS: - EKA reģistrācijas numurs: 905-562-9 Indeksa numurs: - Atbilstošās reģistrācijas numurs: 01-211955267-33-XXXX	reaction mass of ethylbenzene and m-xylene and p-xylene ^{1),2)} Flam. Liq. 3 H226, Asp. Tox. 1 H304, Acute Tox. 4 H312, Skin Irrit. 2 H315, Eye Irrit. 2 H319, Acute Tox. 4 H332, STOT SE 3 H335, STOT RE 2 H373	< 11 %
CAS: 7440-50-8 EK: 231-159-6 Indeksa numurs: - Atbilstošās reģistrācijas numurs: 01-2119480154-42-XXXX	copper, powder ¹⁾ Acute Tox. 4 H302, Eye Irrit. 2 H319, Aquatic Acute 1 H400 (M=10), Aquatic Chronic 1 H410 (M=1)	< 2 %
CAS: 7440-66-6 EK: 231-175-3 Indeksa numurs: 030-001-01-9 Atbilstošās reģistrācijas numurs: 01-2119467174-37-XXXX	zinc powder - zinc dust (stabilised) Flam. Sol. 1 H228, Aquatic Acute 1 H400 (M=1), Aquatic Chronic 1 H410 (M=1)	< 0,6 %
CAS: 68647-95-0 EK: 614-682-8 Indeksa numurs: - Atbilstošās reģistrācijas numurs: -	fatty acids, C18-unsaturated., dimers, compounds. with coco alkylamines Skin Irrit. 2 H315, Skin Sens. 1 H317, STOT RE 2 H373, Aquatic Acute 1 H400 (M=1), Aquatic Chronic 1 H410 (M=1)	< 0,2 %
CAS: 34590-94-8 EK: 252-104-2 Indeksa numurs: - Atbilstošās reģistrācijas numurs: 01-2119450011-60-XXXX	(2-methoxymethylethoxy)propanol ¹⁾²⁾ viela netiek klasificēta kā bīstama	< 0,1%
CAS: 136-52-7 EK: 205-250-6 Indeksa numurs: - Atbilstošās reģistrācijas numurs: 01-2119524678-29-XXXX	cobalt bis(2-ethylhexanoate) ¹⁾ Skin Sens. 1A H317, Eye Irrit. 2 H319, Repr. 1B H360Fd, Aquatic Acute 1 H400 (M=1), Aquatic Chronic 3 H412	< 0,01 %

1) Substance with occupational exposure limits defined on the Great Britain level.

2) Substance with occupational exposure limits defined on the European Union level.

3) Additional hazard statement.

Full text of each relevant H phrase is given in section 16 of SDS.

Section 4: First aid measures

4.1 Description of first aid measures

Skin contact:

take off contaminated clothes. Wash contaminated skin thoroughly with water and soap. Seek medical advice if disturbing symptoms appear.

Eye contact:

remove contact lenses. Rinse thoroughly contaminated eyes with water for 10 – 15 minutes. Avoid strong stream of water – risk of damage of the cornea. Contact an ophthalmologist if disturbing symptoms appear.

Ingestion:

exposure by this route does not typically occur. If swallowed, do not induce vomiting. Rinse mouth with water. Never give anything by mouth to an unconscious person. Contact a doctor, show container or label.

Inhalation:

remove the victim to fresh air, keep warm and calm. Consult a doctor, if disturbing symptoms appear.

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4.2 Most important symptoms and effects, both acute and delayed

Skin contact: may cause redness, burning sensation, irritation, allergic reactions in susceptible people.

Eye contact: redness, tearing, burning sensation, irritation, blurred vision.

Inhalation: harmful if inhaled, may cause irritation of respiratory tract.

Other adverse effects: may cause damage to organs through prolonged or repeated exposure.

4.3 Indication of any immediate medical attention and special treatment needed

Physician makes a decision regarding further medical treatment after thoroughly examination of the injured. Symptomatic treatment.

Section 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: adapt the extinguishing media to surrounding materials.

Unsuitable extinguishing media: water jet – risk of the propagation of the flame.

5.2 Special hazards arising from the substance or mixture

During the fire, the product may produce harmful gases containing, e.g. carbon oxides, metal oxides and other unidentified thermal decomposition products. Do not inhale combustion products, they can be dangerous for human health.

5.3 Advice for firefighters

Extremely flammable aerosol. Use personal protection typical in case of fire. Do not stay in the fire zone without self-contained breathing apparatus and protective clothing resistant to chemicals. Collect used extinguishing media – do not allow the extinguishing agents to enter surface and ground waters. Pressurized container - danger of explosion at high temperature. Gas can accumulate on the surface of the ground and move along distances creating a risk of fire or explosion. Cool endangered containers with water spray from a safe distance.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Limit the access for the outsiders into the breakdown area, until the suitable cleaning operations are completed. Ensure that only the trained personnel removes the effects of the accident. Wear personal protective equipment. Avoid skin and eyes contamination. Ensure adequate ventilation. Prohibit smoking, using open fire and sparking tools.

6.2 Environmental precautions

In case of release of large amounts of the product, it is necessary to take appropriate steps to prevent it from spreading into the environment. Prevent entry into sewers, surface and ground waters. Notify relevant emergency services.

6.3 Methods and material for containment and cleaning up

Collect damaged container mechanically. Collect the leakage with nonflammable liquid absorbing materials (e.g.: sand, soil, universal binding agents, silica, vermiculite etc.) and place it in labelled waste containers. Treat the collected material as waste. Clean and air the contaminated area. Use non-sparking tools and explosion-proof equipment.

6.4 Reference to other sections

Appropriate conduct with waste product – see section 13. Personal protective equipment – see section 8.

Section 7: Handling and storage

7.1 Precautions for safe handling

Handle in accordance with good occupational hygiene and safety practices. Avoid skin and eyes contamination. Before

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break and after work wash hands. Do not eat, drink and smoke during the work. Do not inhale spray. Ensure adequate ventilation. Avoid contact with skin. Use personal protective equipment. Do not pierce or burn empty containers. Do not spray over an open flame or incandescent material. Prevent vapours accumulation and formation of flammable / explosive vapour-air mixtures. Protect the tanks from heat. Use as intended. Eliminate sources of ignition.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool and well ventilated place away from sources of heat. Do not store with food, beverages or feed for animals and incompatible materials (see section 10.5). Pressurized container: protect from sunlight and heating above 50 °C.

7.3 Specific end use(s)

No other information than those mentioned in subsection 1.2.

Section 8: Exposure controls/personal protection

8.1 Control parameters

Specification	TWA 8 hour	STEL 15 min
dimethyl ether [CAS 115-10-6]	766 mg/m ³	958 mg/m ³
(2-methoxymethylethoxy)propanol [CAS 34590-94-8] (Sk)	308 mg/m ³	—
ethyl acetate [CAS 141-78-6]	734 mg/m ³	1468 mg/m ³
ethylbenzene [CAS 100-41-4](Sk)	441 mg/m ³	552 mg/m ³
xylene, mixed isomers [CAS 1330-20-7]	220 mg/m ³	441 mg/m ³
copper fume (as Cu) [CAS 7440-50-8]	0.2 mg/m ³	—
cobalt and cobalt compounds (as Co)	0.1 mg/m ³	—

Sk - can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.

The table above shows the maximum workplace concentration values in Great Britain.

Legal Basis: EH40/2005 Workplace exposure limits. Fourth Edition 2020.

Specification	TWA 8 hour	STEL 15 min
dimethyl ether [CAS 115-10-6]	1920 mg/m ³	—
ethyl acetate [CAS 141-78-6]	734 mg/m ³	1468 mg/m ³
ethylbenzene [CAS 100-41-4]*	442 mg/m ³	884 mg/m ³
xylene, mixed isomers, pure [CAS 1330-20-7]	221 mg/m ³	442 mg/m ³
(2-methoxymethylethoxy)propanol [CAS 34590-94-8] *	308 mg/m ³	—

* skin notation assigned to the OEL identifies the possibility of significant uptake through the skin.

The table above shows the maximum workplace concentration values on the European Union level.

Legal Basis: Commission Directive 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU, 2019/1831/EU.

Please check any national occupational exposure limit values in your country.

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Recommended control procedures

Procedures concerning the control over the dangerous components concentrations in the air and control over the air quality in the workplace – if they are available and justified for the position – in accordance with the European Standards, with the conditions within the exposure place and a proper test methodology adapted to the working conditions.

DNEL for reaction mass of ethylbenzene and xylene [list number: 905-588-0]

Exposure route	Exposure scenario	DNEL (workers)
skin	Long-term, systemic effects	3182 mg/ kg bw/day
inhalation		211 mg/m ³
inhalation	Short-term, systemic effects	442 mg/m ³
Exposure route	Exposure scenario	DNEL (consumers)
skin	Long-term, systemic effects	1872 mg/ kg bw/day
inhalation	Long-term, systemic effects	65,3 mg/m ³
inhalation	Short-term, systemic effects	260 mg/m ³

PNEC for reaction mass of ethylbenzene and xylene [list number: 905-588-0]

fresh water	0,25 mg/l
marine water	0,25 mg/l
fresh water sediment	14,33 mg/kg
marine water sediment	14,33 mg/kg
soil	2,41 mg/kg

DNEL for ethyl acetate [CAS 141-78-6]

Exposure route	Exposure scenario	DNEL (workers)
inhalation	Short-term, systemic and local effects	1468 mg/m ³
inhalation	Long-term, systemic and local effects	734 mg/m ³
Exposure route	Exposure scenario	DNEL (consumers)
inhalation	Short-term, systemic and local effects	734 mg/m ³
inhalation	Long-term, systemic and local effects	367 mg/m ³
oral	Long-term, systemic effects	4,5 mg/kg bw/day
skin	Long-term, systemic effects	37 mg/kg bw/day

PNEC for ethyl acetate [CAS 141-78-6]

fresh water	0,24 mg/l
marine water	0,024 mg/l
intermittent release	1,65 mg/l
fresh water sediment	1,15 mg/kg

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marine water sediment	0,115 mg/kg
soil	0,148 mg/kg
STP	650 mg/l
oral	200 g/kg

8.2 Exposure controls

Appropriate engineering controls

Use the product in accordance with good occupational hygiene and safety practices. Do not eat, drink and smoke during the work. Before break and after work wash hands carefully. Take off contaminated clothing immediately. Avoid eyes and skin contamination. Do not inhale spray. If during work processes there is a risk of clothing fire on the employee - no more than 20 m in a horizontal line from the stations where these processes are performed, emergency showers (safety showers) for washing the whole body and separate showers (showers) for eye washing should be installed. Ensure adequate ventilation.

Individual protection measures, such as personal protective equipment

The necessity to use and selection of appropriate personal protective equipment should take into account the type of risk posed by the product, working conditions and the way of handling the product. The personal protective equipment used must meet the requirements of Regulation (EU) 2016/425 and the relevant standards. The employer is obliged to provide protection measures appropriate to the activities performed and meeting all quality requirements, including their maintenance and cleaning. Any contaminated or damaged PPE must be replaced immediately.

Hand protection

Use protective gloves resistant to the product in according to EN 374 standard. The material for gloves should be selected individually at the workplace.

The material that the gloves are made of must be impenetrable and resistant to the product's effects. The selection of material must be performed with consideration of breakthrough time, penetration speed and degradation. Moreover, the selection of proper gloves depends not only on the material, but also on other quality features and changes depending on the manufacturer. The producer should provide detailed information regarding the exact breakthrough time. This information should be followed.

Body protection

Wear protective work clothing adequate to the performed task and suitable for the potential hazard. In case of prolonged contact with product use protective clothing made of a coated or impregnated fabrics.

Eyes protection

Use tightly fitting protective glasses according to EN 166.

Respiratory protection

Not required if the ventilation is adequate. In emergency situations or when the TWA are exceeded, use absorbing or absorbing-filtering equipment of the appropriate protection class.

Thermal hazards

Do not occur.

Environmental exposure controls

Avoid environment contamination, do not empty into drains.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state:	liquid/ aerosol
Colour:	by assortment
Odour:	characteristic
Melting point/freezing point:	not determined
Boiling point or initial boiling point and boiling range:	not determined
Flammability:	extremely flammable aerosol

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Lower and upper explosion limit:	not determined
Flash point:	- 80 °C (dimethyl ether)
Auto-ignition temperature:	287 °C (dimethyl ether)
Decomposition temperature:	not determined
pH:	not applicable
Kinematic viscosity:	not determined
Solubility:	insoluble in water
Partition coefficient n-octanol/water (log value):	not determined
Vapour pressure:	ca. 850 kPa (38 °C)
Density and/or relative density:	0.7-0.9 g/cm ³
Relative vapour density:	not determined
Particle characteristics:	not applicable

9.2 Other information

No additional test results.

Section 10: Stability and reactivity

10.1 Reactivity

Product is reactive. The product does not undergo polymerization. Vapours may form explosive mixtures with air. See also subsections 10.4 and 10.6.

10.2 Chemical stability

The product is stable under normal conditions of use and storage.

10.3 Possibility of hazardous reactions

Hazardous reactions are not known.

10.4 Conditions to avoid

Avoid direct sunlight, sources of heat, ignition, sparks, hot surfaces and temperature above 50 °C.

10.5 Incompatible materials

Avoid strong oxidants, acids,

10.6 Hazardous decomposition products

Not known.

Section 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Toxicity of components

reaction mass of ethylbenzene and xylene [[list number: 905-588-0]

LD ₅₀ (oral, rat)	3523 mg/kg
LD ₅₀ (skin, rabbit)	> 4200 mg/kg
LD ₅₀ (inhalation, rat)	27124 mg/l

ethyl acetate[CAS 141-78-6]

LD ₅₀ (oral, rat)	4100 mg/kg
LD ₅₀ (skin, rabbit)	20000 mg/kg

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Toxicity of mixture

Acute toxicity

The acute toxicity estimate (ATEmix) for the classification of a substance in a mixture was determined using the appropriate conversion value from Table 3.1.2 in Annex I to CLP as amended.

ATEmix (skin) > 2000 mg/kg

ATEmix (inhalation, dust/mist) >1 - < 5 mg/l

Harmful if inhaled.

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/irritation

Causes serious eye irritation.

Respiratory or skin sensitisation

Based on available data, the classification criteria are not met. However, the product contains components which may cause allergic reaction in susceptible individuals.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

STOT-single exposure

May cause respiratory irritation.

STOT-repeated exposure

May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard

Based on available data, the classification criteria are not met.

Information on likely routes of exposure

Routes of exposure: skin contact, eye contact, inhalation. For more information on the impact of each possible route of exposure, see subsection 4.2.

Symptoms related to the physical, chemical and toxicological characteristics

No data.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

No data.

11.2 Information on other hazards

Endocrine disrupting properties

The product does not contain substances included in the list established in accordance with Article 59(1) for having endocrine disrupting properties, or substances identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 (3) or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0.1 % by weight.

Other information

No data.

Section 12: Ecological information

12.1 Toxicity

Toxicity of components

reaction mass of ethylbenzene and xylene [list number: 905-588-0]

Toxicity for fish: LC₅₀ 2.6 mg/l/ 96 h / Oncorhynchus mykiss (OECD 203)

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Toxicity for algae: EC_{50} 2.2 mg/l/ 73 h / Pseudokirchneriella subcapitata (OECD 201)
fatty acids, C18-unsaturated., dimers, compounds. with coco alkylamines [CAS 68647-95-0]
Toxicity for fish: LC_{50} 255 mg/l/ 96 h (OECD 203)
Toxicity for daphnia: EC_{50} < 1 mg/l/ 48 h (OECD 202)
Toxicity for algae: EC_{50} 0.39 mg/l/ 72 h (OECD 201)

Toxicity of mixture

Toxic to aquatic life with long lasting effects.

12.2 Persistence and degradability

Data for components:

reaction mass of ethylbenzene and xylene [list number: 905-588-0]

readily biodegradable

ethyl acetate [CAS 141-78-6]

undergoes biodegradation in 83 % during 14 days.

12.3 Bioaccumulative potential

Data for components:

reaction mass of ethylbenzene and xylene [list number: 905-588-0]

BCF= 25,9

ethyl acetate [CAS 141-78-6]

BCF= 30

12.4 Mobility in soil

The product is insoluble in water. Product with low mobility in soil.

12.5 Results of PBT and vPvB assessment

Components of this mixture do not meet the criteria of PBT or vPvB substances.

12.6 Endocrine disrupting properties

The product does not contain substances included in the list established in accordance with Article 59(1) for having endocrine disrupting properties, or substances identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 (3) or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0.1 % by weight.

12.7 Other adverse effects

The mixture is not classified as hazardous to the ozone layer. The possibility of other harmful effects of individual components of the mixture on the environment should be considered (e.g. global warming potential).

Section 13: Disposal considerations

13.1 Waste treatment methods

Disposal methods for the product: disposal in accordance with the local legislation. Store remains in original containers.

Disposal methods for used packing: reused/recycled/eliminated of used packing should be carried out in accordance with the local legislation. Only completely empty packing can be recycled. Do not pierce or burn empty containers.

Legal basis: Directive 2008/98/EC as amended, 94/62/EC as amended.

Section 14: Transport information

14.1 UN number or ID number

UN 1950

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14.2 UN proper shipping name

AEROSOLS, flammable

14.3 Transport hazard class(es)

2

14.4 Packing group

Not applicable.

14.5 Environmental hazards

Product is classified as dangerous for the environment according to transport regulations.

14.6 Special precautions for user

Avoid sources of heat and fire, heating. Personal protective equipment. Packages shall not be thrown or subjected to impact. Receptacles shall be so stowed in the vehicle or container that they cannot overturn or fall.

14.7 Maritime transport in bulk according to IMO instruments

Not applicable.

Section 15: Regulatory information

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

ADR Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG Code International Maritime Dangerous Goods Code.

IATA Dangerous Goods Regulations.

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC as amended.

Commission Regulation (EU) No 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 as amended.

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives as amended.

European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste as amended.

Commission Regulation (EU) No 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC.

Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

Commission Directive 2006/15/EC of 7 February 2006 establishing a second list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Directives 91/322/EEC and 2000/39/EC.

Commission Directive 2009/161/EU of 17 December 2009 establishing a third list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Commission Directive 2000/39/EC.

Commission Directive 2017/164/EU of 31 January 2017 establishing a fourth list of indicative occupational exposure

SAFETY DATA SHEET

[In accordance with the criteria of Regulation No 1907/2006 (REACH) as amended]

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**TRADE NAME: INRAL METAL PAINT 4IN1, GOLD, MATT,
400ML METAL ANTI-CORROSION PAINT**

limit values pursuant to Council Directive 98/24/EC, and amending Commission Directives 91/322/EEC, 2000/39/EC and 2009/161/EU.

Commission Directive 2019/1831/EU of 24 October 2019 establishing a fifth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC and amending Commission Directive 2000/39/EC.

15.2 Chemical safety assessment

Chemical safety assessment is not required for the mixture.

Section 16: Other information

Full text of indicated H phrases mentioned in section 3

H220	Extremely flammable gas.
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H228	Flammable solid.
H280	Contains gas under pressure; may explode if heated.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H360Fd	May damage fertility. Suspected of damaging the unborn child.
H373	May cause damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.

Clarification of aberrations and acronyms

PBT	Persistent, Bioaccumulative and Toxic substance
vPvB	very Persistent, very Bioaccumulative substance
Asp. Tox. 1	Aspiration hazard - category 1
Aqute Tox. 4	Acute toxicity - category 4
Aquatic Acute 1	Hazardous to the aquatic environment - Acute - category 1
Aquatic Chronic 1	Hazardous to the aquatic environment - Chronic - category 1
Flam. Gas 1	Flammable gas – category 1
Flam. Liq. 2, 3	Flammable liquid - category 2, 3
Flam. Sol. 1	Flammable solid – category 1
Press. Gas	Gas under pressure
Eye Irrit. 2	Eye irritation - category 2
Repr. 1B	Reproductive toxicity category 1B
Skin Irrit. 2	Skin irritation - category 2
Skin Sens. 1, 1A	Skin sensitization - category 1, 1A
STOT SE 3	Specific target organ toxicity – single exposure category 3
STOT RE 2	Specific target organ toxicity – repeated exposure category 3
Water react. 2	Substance or mixture which in contact with water emits flammable gas category 2

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The logo for INRAL, featuring the word "INRAL" in a bold, white, sans-serif font. To the right of the text is a stylized yellow and orange circular graphic element.

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400ML METAL ANTI-CORROSION PAINT**

Trainings

Before commencing working with the product, the user should learn the Health & Safety regulations, regarding handling chemicals, and in particular, undergo a proper workplace training. People associated with transport of hazardous materials in accordance with ADR should be adequately trained for their job responsibilities (general training, bench and safety)..

Key literature references and sources of data

This SDS was prepared on the basis of sheets of the individual components provided by the manufacturer, literature data, online databases as well as our knowledge and experience, taking into account current legislation.

Procedures used to classify the mixture according to Regulation 1272/2008/EC (CLP) as amended.

Classification was based on physico-chemical data and data on hazardous substances calculation method under the guidance of Regulation 1272/2008/EC (CLP) as amended.

The information above is based on a current available data concerning the product, but also on the experience and knowledge in this field of the producer. They are neither a quality description of the product nor a guarantee of particular features. They are to be treated as aid to safety in transport, storage and usage of the product. That does not free the user from the responsibility of improper usage of the information above and also of improper compliance with the law norms in the field.