



MATERIAL SAFETY DATA SHEET

10th July 2017

MID GREEN METAL PROTECTIVE PAINT

SECTION 1: IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY

1.1 Product identifier

Product name METAL PROTECTIVE PAINT (MID GREEN)

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

Identified uses Paint

1.3 Details of the supplier of the safety data sheet

Supplier R. K. & J. Jones Limited
 Southery Road
 Feltwell,
 Thetford
 Norfolk, IP26 4EH
 Tel: 01842 828101
 Fax: 01842 828171

1.4 Emergency tel. number 01223 968282

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification

Physical hazards Flam.liq.3 – H226
 Health hazards STOT RE 1 – H372
 Environmental hazards Aquatic Chronic 3 – H412

Classification (67/548/EEC or 1999/45/EC) R10, R52/53, R66

Human health Irritating to skin. Product has a defatting effect on skin. Aspiration hazard if swallowed. Entry into the lungs following ingestion or vomiting may cause chemical pneumonitis.

Environmental The product contains a substance which is harmful to aquatic organism and which may cause long-term adverse effects in the aquatic environment.

2.2 Label elements

Pictogram



Signal word Danger

Hazard statements	<p>EUH208 Contains ETHYL METHYL KETOXIME. May produce an allergic reaction.</p> <p>H372 Causes damage to organs through prolonged or repeated exposure.</p> <p>H226 Flammable liquid and vapour</p> <p>H412 Harmful to aquatic life with long lasting effects.</p>
Precautionary statements	<p>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p> <p>P260 Do not breathe vapour/spray</p> <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P270 Do not eat, drink or smoke when using this product</p> <p>P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.</p> <p>P403+P235 Store in a well-ventilated place. Keep cool.</p> <p>P501 Dispose of contents/container in accordance with national regulations.</p>

Contains **NAPHTHA (PETROLEUM), HYDRODESULPHURISED HEAVY**

2.3 Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

NAPHTHA (PETROLEUM), HYDROTREATED HEAVY 30-60%	
CAS number: 64742-48-9 EC number: 265-150-3	
Classification Flam. Liq. 3 - H226 Asp. Tox. 1 - H304	Classification (67/548/EEC or 1999/45/EC) Xn;R65. R10,R66.
NAPHTHA (PETROLEUM), HYDRODESULPHURISED HEAVY 10-30%	
CAS number: 64742-82-1 EC number: 265-185-4	
Classification Flam. Liq. 3 - H226 STOT SE 3 - H336 STOT RE 1 - H372 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411	Classification (67/548/EEC or 1999/45/EC) Xn;R65. N;R51/53. R10,R66.
ETHYL METHYL KETOXIME <1%	
CAS number: 96-29-7 EC number: 202-496-6	
Classification Acute Tox. 4 - H312 Eye Dam. 1 - H318 Skin Sens. 1 - H317 Carc. 2 - H351	Classification (67/548/EEC or 1999/45/EC) Carc. Cat. 3;R40 Xn;R21 R43 Xi;R41

COBALT CARBOXYLATE		<1%
CAS number: 13586-82-8	EC number: 237-015-9	
Classification Not Classified	Classification (67/548/EEC or 1999/45/EC) Xn;R22. Xi;R38. N;R51/53. R43.	
METHOXY PROPOXY PROPANOL		<1%
CAS number: —		
Classification Not Classified	Classification (67/548/EEC or 1999/45/EC) -	

The full text for all R-Phrases and Hazard Statements are Displayed in Section 16

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

General Information	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
Inhalation:	Move affected person to fresh air at once. Get medical attention. Provide rest, warmth and fresh air. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.
Ingestion:	Do not induce vomiting. Never give anything by mouth to an unconscious person. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Give plenty of water to drink. Get medical attention immediately. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.
Skin contact:	Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing.
Eyes contact:	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.

4.2 Most important symptoms and effects, both acute and delayed

4.3 Indication of any immediate medical attention and special treatment needed

SECTION 5 : FIRE FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media Extinguish with the following media: Foam. Dry chemicals, sand, dolomite etc. Carbon dioxide (CO₂)

5.2 Special hazards arising from the substance or mixture

Specific hazards The product is flammable. Solvent vapours may form explosive mixtures with air. Vapours are heavier than air and may spread near ground and travel a considerable distance to a source of ignition and flash back.

5.3 Advice for firefighters

Protective actions during Firefighting Avoid breathing fire gases or vapours. Cool containers exposed to flames with water until well after the fire is out.

Special protective equipment Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

6.2 Environmental precautions

6.3 Methods and material for containment and cleaning up

Methods for cleaning up Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots clothing or apron, as appropriate. Absorb in vermiculite, dry sand or earth and place into containers. Avoid the spillage or runoff entering drains, sewers or watercourses.

6.4 Reference to other sections

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Usage precautions Avoid spilling. Avoid contact with skin and eyes. Provide adequate ventilation. Avoid inhalation of vapours. Use approved respirator if air contamination is above an acceptable level.

7.2 Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep only in the original container.

7.3 Specific end use(s)

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Occupational exposure limits

NAPHTHA (PETROLEUM), HYDROTREATED HEAVY

Long-term exposure limit (8-hour TWA): WEL 1000 mg/m³

NAPHTHA (PETROLEUM), HYDRODESULPHURISED HEAVY

Long-term exposure limit (8-hour TWA): OES 600mg/m³

COBALT CARBOXYLATE

Long-term exposure limit (8-hour TWA): WEL 0.1 mg/m³

METHOXY PROPOXY PROPANOL

Long-term exposure limit (8-hour TWA): WEL 50ppm (Sk) 308mg/m³ (Sk)

WEL = Workplace Exposure Limit

Ingredient comments WEL = Workplace Exposure Limits

8.2 Exposure controls**Protective equipment****Appropriate engineering Controls**

Provide adequate general and local exhaust ventilation.

Eye/face protection

The following protection should be worn: Chemical splash goggles

Hand protection

Use protective gloves

Other skin and body Protection

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

Hygiene measures

Do not smoke in work area. Wash hands at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap and water if skin becomes contaminated. Use appropriate skin cream to Prevent drying of skin. When using do not eat, drink or smoke.

Respiratory protection

No specific recommendations. Respiratory protection must be used if airborne contamination exceeds the recommended occupational exposure limit.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES.

Appearance:	Viscous liquid
Colour	Green
Odour	Characteristic
Relative Density:	0.95 to 1.00
Flash Point (°C)	23 to 55 °C

9.2 Other information

Volatile organic compound This product contains a maximum VOC content of 439 g/l

SECTION 10: STABILITY AND REACTIVITY**10.1 Reactivity****10.2 Chemical stability**

Stability Stable at normal ambient temperatures

10.3 Possibility of hazardous reactions**10.4 Conditions to avoid**

Conditions to avoid Avoid contact with the following materials: Oxidising agents

10.5 Incompatible materials**10.6 Hazardous decomposition products**

Hazardous decomposition

Products Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO)
Carbon dioxide (CO₂)

SECTION 11: TOXICOLOGICAL INFORMATION**11.1 Information on toxicological effects**

Inhalation: Prolonged inhalation of high concentrations may damage respiratory system.

Ingestion: Harmful: May cause lung damage if swallowed

Skin Contact: Acts as a defatting agent on skin. May cause cracking of skin, and eczema. Prolonged or repeated exposure may cause severe irritation.

Eye contact: May cause severe eye irritation.

Target Organs: Skin, Eyes, Respiratory system, lungs

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: The product contains a substance which is harmful to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

- 12.1 **Toxicity**
- 12.2 **Persistence and degradability**
- 12.3 **Bio-accumulative potential**
- 12.4 **Mobility in soil**
- 12.5 **Results of PBT and vPvB assessment**
- 12.6 **Other adverse effects**

SECTION 13: DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods**

Disposal Methods: Dispose of waste to licensed waste disposal site in accordance with local authority requirements.

SECTION 14: TRANSPORT INFORMATION**14.1 UN Number**

UN No. (ADR/RID)	1263
UN No. (IMDG)	1263
UN No. (ICAO)	1263
UN No. (AND)	1263

14.2 UN proper shipping name

Proper shipping name (ADR/RID)	Paint
Proper shipping name (IMDG)	Paint
Proper shipping name (ICAO)	Paint
Proper shipping name (ADN)	Paint

14.3 Transport hazard class(es)

ADR/RID class	3
ADR/RID classcode	F1
ADR/RID label	3

IMDG class 3
 ICAO class/division 3
 ADN class 3



Transport labels

14.4 Packing group
 ADR/RID packing group III
 IMDG packing group III
 ADN packing group III
 ICAO packing group III

14.5 Environmental hazards

Environmentally hazardous substance/marine pollutant – No

14.6 Special precautions for user

EmS F-E, S-E
 ADR transport category 3
 Emergency Action Code 3Y
 Hazard identification no. (ADR/RID) 30
 Tunnel restriction code (D/E)

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

SECTION 15: REGULATORY INFORMATION

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

National regulations The chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716)

Guidance Workplace Exposure Limits EH40
 Introduction to Local Exhaust Ventilation HS (G)37
 CHIP for everyone HSG228
 Approved Classification and Labelling Guide (Sixth edition) L131

15.2 Chemical safety assessment

SECTION 16: OTHER HEALTH AND SAFETY INFORMATION

Risk phrases in full

- R10 Flammable
- R21 Harmful in contact with skin
- R22 Harmful if swallowed
- R38 Irritating to skin
- R40 Limited evidence of a carcinogenic effect
- R41 Risk of serious damage to eyes
- R43 May cause sensitisation by skin contact
- R51/53 Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.
- R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R65 Harmful: may cause lung damage if swallowed
- R66 Repeated exposure may cause skin dryness or cracking

Hazard statements in full EUH208 Contains ETHYL METHYL KETOXIME. May produce an allergic reaction.
H226 Flammable liquid and vapour
H304 May be fatal if swallowed and enters airways
H312 Harmful in contact with skin
H317 May cause an allergic skin reaction
H318 Causes serious eye damage
H336 May cause drowsiness or dizziness
H351 Suspected of causing cancer
H372 Causes damage to organs through prolonged or repeated exposure
H411 Toxic to aquatic life with long lasting effects
H412 Harmful to aquatic life with long lasting effects

Disclaimer:

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own use. If this product is re-distributed and re-formulated for sale, details of its hazards and recommended methods for safe handling must be passed to customers. Customers are urged to ensure that the product is entirely suitable for their own purpose. It is the customer's responsibility to ensure that a suitable and sufficient assessment of the risks created by a work activity using this product is undertaken before this product is used.

Note: The information contained in this Safety Data Sheet does not constitute the users own assessment of workplace risk as required by other Health & Safety Legislation (e.g. the Health and Safety at Work Act, 1974; the control of Substances Hazardous to Health Regulations, 1988). The data given here is based on current knowledge and experience. The purpose of this data sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the product's properties.