Bird Brand

MATERIAL SAFETY DATA SHEET

Revised 23rd March, 2017

RED OXIDE METAL PRIMER

SECTION 1: IDENTIFICATION OF SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product name 324/F158 – RED OXIDE METAL PRIMER

Product No. 324/F158/65

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 Ltd
Southery Road,
Feltwell,
Thetford, Norfolk, IP26 4EH.
(01842) 828101

Contact Person Richard Jones

Email r.jones@birdbrand.co.uk

1.4 Emergency telephone number

(01842) 828101 Monday-Friday 08.30 – 17.00 hrs, (01223) 968282 Out of office hours.

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification (EC 1272/2008)

	Physical and Chemical Hazards	Flam.Liq.3-H226
	Human Health	EUH066; STOT SE 3-H336
	Environment	Aquatic Chronic 3-H412

Classification (1999/45/EEC) R10, R52/53, R66, R67

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

2.2 Label Elements

Label in Accordance with (EC) No. 1272/2008

Signal Word	Warning
Hazard Statements	H226 Flammable liquid and vapour H336 May cause drowsiness or dizziness H412 Harmful to aquatic life with long lasting effects
Precautionary Statements	P102 Keep out of reach of children P101 If medical advice is needed, have product container or label at hand. P271 Use only outdoors or in a well-ventilated area. P273 Avoid release to the environment P280 Wear protective gloves/protective clothing/eye protection/face Protection. P501A Dispose of contents/container to special waste collection point.
Supplementary Precautionary Statements	P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking. P233 Keep container tightly closed P240 Ground/bond container and receiving equipment P241 Use explosion-proof electrical equipment P242 Use only non-sparking tools P243 Take precautionary measures against static discharge P261 Avoid breathing vapour/spray P370+378 – In case of fire: Use foam, carbon dioxide, dry powder or water fog for extinction. P303+361+353 – IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. P304+340 – IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P312 Call a POISON CENTRE or doctor if you feel unwell. P403+233 – Store in a well ventilated place. Keep container tightly closed. P403+235 – Store in a well ventilated place. Keep cool. P405 Store locked up
Supplemental label Information	EUH066 Repeated exposure may cause skin dryness or cracking EUH208 Contains 2-BUTANONE OXIME, Cobalt containing polymer. May produce an allergic reaction.

2.3 Other hazards

Not classified as PBT/vPvB by current EU criteria.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Calcium Carbonate		30-60%
CAS-No.: 1317-65-3	EC No.: 215-279-6	
Classification (EC 1272/2008) Not classified.	Classification (67/548/EEC) Not classified.	

WHITE SPIRIT		10-30%
CAS-No.:	EC No.: 919-446-0	Registration Number: 01-2119458049-33-XXXX
Classification (EC 1272/2008) Flam. Liq. 3 - H226 EUH066 STOT SE 3 - H336 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411	Classification (67/548/EEC) Xn;R65. N;R51/53. R10,R66,R67.	

Red Iron Oxide		1-5%
CAS-No.: 1309-37-1	EC No.:	
Classification (EC 1272/2008) Not classified.	Classification (67/548/EEC) Not classified.	

Barium Sulphate		1-5%
CAS-No.: 7727-43-7	EC No.: 231-784-4	Registration Number: 01-2119491274-35-0001
Classification (EC 1272/2008) Not classified.	Classification (67/548/EEC) Not classified.	

Low Aromatic White Spirit		1-5%
CAS-No.:	EC No.: 919-857-5	Registration Number: 01-2119463258-33-XXXX
Classification (EC 1272/2008) Flam. Liq. 3 - H226 EUH066 STOT SE 3 - H336 Asp. Tox. 1 - H304	Classification (67/548/EEC) Xn;R65. R10,R66,R67.	

2-BUTANONE OXIME		<1%
CAS-No.: 96-29-7	EC No.: 202-496-6	Registration Number: 01-2119539477-28
Classification (EC 1272/2008) Acute Tox. 4 - H312 Eye Dam. 1 - H318 Skin Sens. 1 - H317 Carc. 2 - H351	Classification (67/548/EEC) Carc. Cat. 3;R40 Xn;R21 R43 Xi;R41	

Cobalt containing polymer		<1%
CAS-No.:	EC No.:	
Classification (EC 1272/2008) Skin Sens. 1 - H317	Classification (67/548/EEC) R43.	

2-METHYLPENTANE-2,4-DIOL		<0.1%
CAS-No.: 107-41-5	EC No.: 203-489-0	
Classification (EC 1272/2008) Skin Irrit. 2 - H315 Eye Irrit. 2 - H319	Classification (67/548/EEC) Xi;R36/38	

ZIRCONIUM SALT, 2-ETHYLHEXANOIC ACID		<0.1%
CAS-No.: 22464-99-9	EC No.: 245-018-1	Registration Number: 01-2119979088-21-0002
Classification (EC 1272/2008) Repr. 2 - H361d	Classification (67/548/EEC) Repr. Cat. 3;R63.	

XYLENE, MIXED ISOMERS		<0.1%
CAS-No.: 1330-20-7	EC No.: 215-535-7	Registration Number: 01-2119488216-32-xxxx
Classification (EC 1272/2008) Flam. Liq. 3 - H226 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H335 STOT RE 2 - H373 Asp. Tox. 1 - H304	Classification (67/548/EEC) Xn;R20/21,R65. Xi;R36/37/38. R10.	

ZIRCONIUM PROPIONATE		<0.1%
CAS-No.: 84057-80-7	EC No.: 281-897-8	Registration Number: 01-2119978305-30-0000
Classification (EC 1272/2008) Not classified.	Classification (67/548/EEC) Not classified.	

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

Composition Comments

The Product contains organic solvents.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

General information

General first aid, rest, warmth and fresh air. Do not give victim anything to drink if they are unconscious.

Inhalation
Remove victim immediately from source of exposure. Provide rest, warmth and fresh air. Get medical attention if any discomfort continues. Place unconscious person on the side in the recovery position and ensure breathing can take place.

Ingestion
DO NOT induce vomiting. Get medical attention immediately. Provide fresh air, warmth and rest, preferably in comfortable upright sitting position.

Skin contact
Remove affected person from source of contamination. Remove contaminated clothing immediately and wash skin with soap and water.

Eye contact
Make sure to remove any contact lenses from the eyes before rinsing. Continue to rinse for at least 15 minutes and get medical attention.

4.2 Most important symptoms and effects, both acute and delayed
General information
If adverse symptoms develop as described the casualty should be transferred to hospital as soon as possible.

4.3 Indication of any immediate medical attention and special treatment needed
No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

SECTION 5: FIRE FIGHTING MEASURES

5.1 Extinguishing media
Extinguishing media
Extinguish with foam, carbon dioxide, dry powder or water fog.
Unsuitable extinguishing media.
Do not use water jet as an extinguisher, as this will spread the fire.

5.2 Special hazards arising from the substance or mixture
Hazardous combustion products
Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.
Unusual Fire & Explosion Hazards.
FLAMMABLE. Solvent vapours may form explosive mixtures with air.
Specific hazards
When heated and in case of fire, harmful vapours/gases may be formed.

5.3 Advice for firefighters
Special Fire Fighting Procedures
Be aware of danger for fire to re-start. Cool containers exposed to flames with water until well after the fire is out. Do not allow runoff to sewer, waterway or ground.
Protective equipment for fire-fighters.
Selection of respiratory protection for fire-fighting: follow the general fire precautions indicated in the workplace.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Avoid inhalation of vapours and contact with skin and eyes. Provide adequate ventilation. Do not smoke, use open fire or other sources of ignition. Ensure suitable personal protection (including respiratory protection) during removal of spillages in a confined area.

6.2 Environmental precautions

Avoid discharge into drains, water courses or onto the ground. Contain spillages with sand, earth or any suitable absorbent material. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

6.3 Methods and material for containment and cleaning up

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Should be prevented from entering drains. Absorb in vermiculite, dry sand or earth and place into containers. Collect spillage in containers, seal securely and deliver for disposal according to local regulations.

6.4 Reference to other sections

For personal protection, see section 8. The product contains a substance which is hazardous to aquatic organisms and which may cause long term adverse effects in the aquatic environment. See section 12 as well.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Observe occupational exposure limits and minimise the risk of inhalation of vapours and mist. Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level. Do not eat, drink or smoke when using this product. The Manual Handling Operations Regulations may apply to the handling of containers of this product. To assist employers, the following method of calculating the weight for any pack size is given. Take the pack size volume in litres and multiply this figure by the specific gravity value given in section 9. This will give the net weight of the coating in kilograms. Allowance will then have to be made for the immediate packaging to give an approximate gross weight.

7.2 Conditions for safe storage, including any incompatibilities

Store in closed original container at temperatures between 5°C and 25°C. Keep away from heat, sparks and open flame. Keep containers tightly closed. Keep upright. Store separated from: oxidising material. Alkalis. Acids. Storage class.

Flammable liquid storage. The storage and use of this product is subject to the Dangerous Substances and Explosive Atmospheres Regulations (DSEAR). The requirements are given in the HSE Approved Code of Practice and Guidance, Storage and Dangerous Substances: DSEAR. Up to 250 litres of liquids with a flashpoint above 32C but below 55C may be kept in a workroom provided they are kept in closed containers in a marked, fire-resisting cupboard or bin. Larger quantities must be kept in a separate, marked storeroom conforming to the structural requirements contained in the HSE guidance note Storage of Flammable Liquids in Containers.

7.3 Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

Usage description

Ensure that waste and contaminated materials are collected and removed from the work area as soon As possible in a suitably labelled container.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
2-METHYLPENTANE-2,4-DIOL	WEL	25 ppm	123 mg/m3	25 ppm	123 mg/m3	
Barium Sulphate	WEL		10 mg/m3			
Calcium Carbonate	WEL		10 mg/m3			
Low Aromatic White Spirit	WEL		1000 mg/m3			
Low Aromatic White Spirit	WEL		1000 mg/m3			
Red Iron Oxide	WEL		5 mg/m3		10 mg/m3	as Fe
WHITE SPIRIT	WEL		350 mg/m3			
XYLENE, MIXED ISOMERS	WEL	50 ppm	220 mg/m3	100 ppm	441 mg/m3	Sk
ZIRCONIUM PROPIONATE	WEL		5 mg/m3		10 mg/m3	
ZIRCONIUM SALT, 2-ETHYLHEXANOIC ACID	WEL		5 mg/m3		10 mg/m3	

WEL = Workplace Exposure Limit

Sk = Can be absorbed through skin.

Low Aromatic White Spirit

DNEL				
Consumer	Oral	Long Term	Systemic Effects	300 mg/kg/day
Consumer	Dermal	Long Term	Systemic Effects	300 mg/kg/day
Industry	Dermal	Long Term	Systemic Effects	300 mg/kg/day
Industry	Inhalation.	Long Term	Systemic Effects	1500 mg/m3
Consumer	Inhalation.	Long Term	Systemic Effects	900 mg/m3

No PNEC available. Substance is a hydrocarbon UVCB. Standard tests for this endpoint are intended for single substances and are not appropriate for the risk assessment of this complex substance.

WHITE SPIRIT

DNEL				
Consumer	Oral	Long Term	Systemic Effects	1040 mg/kg/day
Consumer	Dermal	Long Term	Systemic Effects	1040 mg/kg/day
Consumer	Inhalation.	Long Term	Systemic Effects	710 mg/m3
Consumer	Inhalation.	Short Term	Systemic Effects	570 mg/m3
Industry	Inhalation.	Short Term	Systemic Effects	570 mg/m3
Industry	Inhalation.	Long Term	Systemic Effects	1980 mg/m3
Industry	Dermal	Long Term	Systemic Effects	1056 mg/kg/day

XYLENE, MIXED ISOMERS (CAS: 1330-20-7)

DNEL				
Consumer	Oral	Long Term	Systemic Effects	12.5 mg/kg/day
Consumer	Dermal	Long Term	Systemic Effects	1872 mg/kg/day
Consumer	Inhalation.	Long Term	Systemic Effects	65.3 mg/m3
Consumer	Inhalation.	Short Term	260	mg/m3
Industry	Dermal	Long Term	Systemic Effects	3182 mg/kg/day
Industry	Inhalation.	Long Term	Systemic Effects	221 mg/m3
Industry	Inhalation.	Short Term	442	mg/m3

No PNEC available. Substance is a hydrocarbon UVCB. Standard tests for this endpoint are intended for single substances and are not appropriate for the risk assessment of this complex substance.

8.2 Exposure controls

Protective equipment

Engineering measures

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined Occupational exposure limit is not exceeded.

Respiratory equipment

No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit.

Hand protection

Use suitable protective gloves if risk of skin contact. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material. Barrier cream applied before work may make it easier to clean the skin after exposure, but does not prevent absorption through the skin.

Eye protection

Wear splash-proof eye goggles to prevent any possibility of eye contact.

Other protection

Wear appropriate clothing to prevent reasonably probable skin contact.

Hygiene measures

No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES.

9.1 Information on basic physical and chemical properties

Appearance	Viscous coloured liquid
Colour	Red
Odour	of solvents
Solubility	Insoluble in water
Relative density	1.55 approx.@20
Vapour density (air=1)	heavier than air
Viscosity	4.5 （Rotothinner） Ps@25
Flash point (°C)	38 approx. CC （Closed Cup）
Flammability Limit - Lower%	0.8

9.2 Other information

Volatile Organic Compound (VOC) <500g/litre

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

No specific reactivity hazards associated with this product

10.2 Chemical stability

Stable under normal temperature conditions and recommended use

10.3 Possibility of hazardous reactions

Not determined

10.4 Conditions to avoid

Avoid heat, flames and other sources of ignition. Avoid contact with acids and oxidising substances.

10.5 Incompatible materials

Materials to avoid. Strong alkalis. Strong acids. Strong oxidising substances.

10.6 Hazardous decomposition products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Inhalation

Vapour from this chemical can be hazardous when inhaled. Vapour may irritate respiratory system or lungs.

Ingestion

Liquid irritates mucous membranes and may cause abdominal pain 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 temporary eye irritation.

Health Warnings

This product has low toxicity. Only large volumes may have adverse impact on human health.

Route of entry

Inhalation. Skin absorption. Ingestion. Skin and/or eye contact.

Medical Considerations

Skin disorders and allergies. Avoid vomiting and normal rinse of stomach because of risk of aspiration.

Toxicological information on ingredients

Eye contact
No specific health warnings noted.
Route of entry, inhalation, ingestion.

Acute toxicity:
Acute Toxicity (Oral LD50)
> 5000 mg/kg Rat

Acute Toxicity (Dermal LD50)
> 5000 mg/kg Rabbit

Acute Toxicity (Inhalation LC50)
> 5 mg/l (vapours) Rat 4 hours

Skin Corrosion/Irritation:
Erythema\eschar score
Very slight erythema -barely perceptible (1). Well defined erythema (2).
Oedema score
No oedema (0).
Slightly irritating.

Serious eye damage/irritation:
Not Irritating.

Respiratory or skin sensitisation:
Not sensitising.
Skin sensitisation
Guinea pig maximization test (GPMT): Guinea Pig
Not Sensitising.

Germ cell mutagenicity:
Genotoxicity - In Vitro
Chromosome aberration:
Negative.
This substance has no evidence of mutagenic properties.

Carcinogenicity:
Inhalation. Rat
This substance has no evidence of carcinogenic properties. Does not contain any substances known to be carcinogenic.

Reproductive Toxicity:
Reproductive Toxicity - Fertility
Fertility: Inhalation. Rat
This substance has no evidence of toxicity to reproduction.
Reproductive Toxicity - Development
Developmental toxicity: Inhalation. Rat
This substance has no evidence of toxicity to reproduction.

Specific target organ toxicity - repeated exposure:

STOT - Repeated exposure

Not available.

Aspiration hazard:

Viscosity

Kinematic viscosity <= 20.5 mm2/s.

Inhalation

Vapours may cause drowsiness and dizziness. Central nervous system depression.

Ingestion

Harmful: danger of serious damage to health by prolonged exposure if swallowed.

Skin contact

Acts as a defatting agent on skin. May cause cracking of skin, and eczema.

Eye contact

No specific health warnings noted.

Route of entry

Inhalation. Ingestion.

Other Health Effects

This substance has no evidence of carcinogenic properties.

Acute toxicity:

Acute Toxicity (Oral LD50)

> 15000 mg/kg Rat

Minimally toxic via ingestion

Acute Toxicity (Dermal LD50)

~ 3400 mg/kg Rabbit

Not corrosive to skin Not irritating

Acute Toxicity (Inhalation LC50)

> 13.1 mg/l (vapours) Rat 4 hours

Serious eye damage/irritation:

Not Irritating.

Respiratory or skin sensitisation:

Respiratory sensitisation

Not determined.

There is evidence that the material can lead to respiratory hypersensitivity.

Not Sensitising.

Carcinogenicity:
Carcinogenicity
NOAEL 300 mg/kg Oral Rat

Reproductive Toxicity:
Reproductive Toxicity - Fertility
One-generation study: NOAEL >3000 mg/kg/day Oral Rat P
Reproductive Toxicity - Development
Developmental toxicity: NOAEC >300 ppm Inhalation. Rat

Specific target organ toxicity - single exposure:
Target Organs
Central nervous system

Specific target organ toxicity - repeated exposure:
STOT - Repeated exposure
NOAEL 1056 mg/kg Oral Rat

Aspiration hazard:
Viscosity
Kinematic viscosity <= 20.5 mm2/s.
Inhalation
No specific health warnings noted.
Ingestion
Harmful: may cause lung damage if swallowed. May cause stomach pain or vomiting.
Skin contact
May cause defatting of the skin, but is not an irritant. Not a skin sensitiser.
Eye contact
No specific health warnings noted.
Route of entry
Skin and/or eye contact. Inhalation.
Central nervous system

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

Ecological information on ingredients

Low Aromatic White Spirit

Acute Toxicity – Fish
LC50 96 hours>1000mg/l Onchorhynchus mykiss （Rainbow trout）
Substance did not cause acute toxicity to fish
EC50, 48 hours, Daphnia, mg/l
>1000
Substance did not cause acute toxicity to the freshwater green algae
EC50>100mg/l Activated sludge
Chronic Toxicity – Fish Early life stage

NOEC 28 days 0.131 mg/l Onchorhynchus mykiss (Rainbow trout)
Chronic Toxicity – Aquatic Invertebrates
NOEC 28 days 0.23 mg/l Daphnia magna

White Spirit

Dangerous for the environment if discharged into watercourses Toxic to aquatic organisms
LC50, 96 hours, Fish mg/l
10-30
EC 50, 48 hours, Daphnia, mg/l
10-22
IC 50, 72 hours, Algae, mg/l
4.6 – 10
Chronic Toxicity – Aquatic Invertebrates
NOEC 21 days <0.28 mg/l Daphnia magna

12.2 Persistence and degradability

Degradability
The product is potentially degradable

Ecological information on ingredients

Low Aromatic White Spirit

Degradability
The product is easily biodegradable
Oxidises rapidly by photo-chemical reactions in air
Biodegradation
Degradation (80%) 28 days
Test-301F Ready Biodegradability – Manometric Respiratory Test

White Spirit

Degradability
The product is easily biodegradable
Biodegradation
Degradation (75%) 28 days

12.3 Bio-accumulative potential

Bio-accumulative potential
Bio-accumulation is unlikely to be significant because of the low water solubility of this product.

Ecological information on ingredients

Low Aromatic White Spirit

Bio-accumulative potential
The product contains potentially bioaccumulating substances.
Partition coefficient
5-6.7

White Spirit

Bioaccumulation factor
Scientifically unjustified
Substance is a hydrocarbon UVCB. Standard tests for this endpoint are intended for single substances and are not appropriate for this complex substance.

12.4 Mobility in soil

Mobility:

The product contains volatile organic compounds (VOC) which will evaporate easily from all surfaces. Readily absorbed into soil.

Ecological information in ingredients

Low Aromatic White Spirit

Mobility:

The product contains volatile organic compounds (VOC) which will evaporate easily from all surfaces. Readily absorbed into soil.

Absorption/Desorption Coefficient

Not available.

Surface tension

24.5 mN/m 20°C

White Spirit

Adsorption/Desorption Coeffecient

Scientifically unjustified.

Volatilisation is dependent on Henry's Law constant (HLC) which is not applicable to complex substances.

12.5 Results of PBT and vPvB assessment

Ecological information on ingredients

Low Aromatic White Spirit

Not Classified as PBT/vPvB by current EU criteria.

White Spirit

Not Classified as PBT/vPvB by current EU criteria.

12.6 Other adverse effects

The product contains volatile, organic compounds which have a photochemical ozone creation potential.

Ecological information on ingredients

Low Aromatic White Spirit

Not known

White Spirit

This substance may contribute to ozone formation in the near surface atmosphere. However, the photochemical formation of ozone depends on a complex interaction of other atmospheric pollutant sources and environmental conditions. Therefore, the contribution of this substance to ozone formation is outside the scope of this substance assessment and is more appropriately addressed via EU air quality directives.

SECTION 13: DISPOSAL CONSIDERATIONS

General information

Do not allow to enter drains, sewers or watercourses.

13.1 Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

Waste Class

When this coating, in its liquid state, as supplied, becomes a waste, it is categorised as hazardous Waste, with code 080111* (SOLVENT BASED LIQUID WASTE) Part-used containers, not drained And/or rigorously scraped out and containing dried residues of the supplied coating, are categorised

As hazardous waste, with code 080111* (SOLVENT BASED LIQUID WASTE) If mixed with other Wastes, the above waste code may not be applicable. Used containers, drained and/or rigorously Scraped out and containing dry residues of the supplied coating, are categorised as non-hazardous Waste, with code 150102 (plastic packaging) or 150104 (metal packaging)

SECTION 14: TRANSPORT INFORMATION

14.1. UN number

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

14.2. UN proper shipping name

Proper Shipping Name	Contains White Spirit, Class 3, PG III, (38 °C c.c.) MARINE POLLUTANT
Proper Shipping Name	PAINT

14.3. Transport hazard class(es)

ADR/RID/ADN Class	1263
ADR/RID/ADN Class	Class 3: Flammable liquids.
IMDG Class	3
Transport Labels	

14.4. Packing group

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

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

14.6. Special precautions for user

EMS	F-E, S-E
Tunnel Restriction Code	(D/E)

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

SECTION 15: REGULATORY INFORMATION

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

Uk Regulatory References

The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments.

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716). Control of Substances Hazardous to Health.

Approved Code Of Practice

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply. Dangerous Substances and Explosive Atmospheres Regulations 2002 [L138]

Guidance Notes

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

EU Legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation 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, including amendments. 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 with amendments.

National Regulations

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. No. 1689.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER HEALTH AND SAFETY INFORMATION

Revision Comments

Issued in new format for Reach compliance in accordance with EC 1272/2008 Issued in accordance with Annex II to REACH, as amended by Commission Regulation (EU) No. 453/2010 Update for CLP labelling.

Issued By	Technical Dept. (P.E.)
Revision Date	01/04/2015
Revision	7
Supersedes date	09/06/2014
SDS No.	10586
Safety Data Sheet Status	Approved.
Date	Date printed _____
Signature	Initials _____

Risk Phrases In Full

R10	Flammable.
R20/21	Harmful by inhalation and in contact with skin.
R21	Harmful in contact with skin.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.
R36/38	Irritating to eyes and skin.
R36/37/38	Irritating to eyes, respiratory system and skin.
R40	Limited evidence of a carcinogenic effect.
R43	May cause sensitisation by skin contact.
NC	Not classified.
R63	Possible risk of harm to the unborn child.
R66	Repeated exposure may cause skin dryness or cracking.
R41	Risk of serious damage to eyes.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R67	Vapours may cause drowsiness and dizziness.

Hazard Statements In Full	
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H315	Causes skin irritation.
H226	Flammable liquid and vapour.
H332	Harmful if inhaled.
H312	Harmful in contact with skin.
H412	Harmful to aquatic life with long lasting effects.
H304	May be fatal if swallowed and enters airways.
H317	May cause an allergic skin reaction.
H373	May cause damage to organs <<Organs>> through prolonged or repeated exposure if inhaled.
H336	May cause drowsiness or dizziness.
H335	May cause respiratory irritation.
EUH066	Repeated exposure may cause skin dryness or cracking.
H351	Suspected of causing cancer.
H361d	Suspected of damaging the unborn child.
H411	Toxic to aquatic life with long lasting effects.

Disclaimer

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.

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APPROVED M J JONES