(In compliance with EC/1907/2006 Article 31 and Annex II)
Revision Date:1 January 2017
Revision Number: 3
Material/Trade Name: STUARTS ENGINEERING MARKING

1 - Substance Identification

Material/Trade Name	**:** Stuarts Engineering Marking
Type	**:** Penetrant Suspension
Company	**:** Industrial and Consumer Supplies
Address	**: The Bull Pen** Tor-Y-Mynydd Farm Devauden Chepstow NP6 6NU
Telephone	**:** 01600 860869
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Emergency Telephone	: 0789 976 1593
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2 - Hazard Identification

Not classified as hazardous under the CLP Regulations 1272/2008/EC
Not classified as hazardous according to the CHIP Regulations SI 2009:716

3 –Composition

Substance	% Wt.	CAS No.	EC No.
Ammonium iron hexacyanoferrate	12-15%	25869-00-5	247-304-1
Highly refined mineral oil	30-40%	n/e	n/e
China Clay	50%	1332-58-7	310-127-6

4 - First-aid Measures

Inhalation:	Remove to fresh air and rest If recovery is not rapid call for prompt medical attention
Eyes:	Irrigate with water for at least 15 minutes Take care not to wash chemical from one eye to another If irritation persists call a doctor
Skin:	Remove contaminated clothing Wash with soap/cleanser and rinse with plenty of water If irritation persists, obtain medical attention
Ingestion:	Do not induce vomiting Give plenty of water to drink Beware of aspiration if vomiting occurs Seek medical attention immediately

5 - Fire-fighting Measures

Suitable Extinguishers:	Alcohol resistant foam Dry powder Carbon dioxide Water spray/fog
Unsuitable Extinguishers:	Direct water jets
Hazardous Decomposition:	Toxic fumes may be produced in fire

5 - Fire-fighting Measures (Continued)

Special Procedures:	Do not breathe decomposition products and fumes Use approved self-contained breathing apparatus Wear fire retardant clothing Large fires should only be dealt with by trained personnel

6 - Accidental Release Measures

Exposure Controls:	Ventilate area Do not allow spill to enter drains and watercourses
Personal Protection:	Wear suitable respiratory protection for large spillages and in confined spaces Wear nitrile gloves Use eye protection such as goggles to BS EN 166 Chemical Grade if splash likely
Disposal Considerations:	Absorb in inert material such as sand or absorbent granules Scoop up and place in plastic container to await transfer Dispose in accordance with local regulations

7 - Handling and Storage

Handling:	Avoid skin contact Avoid eye contact Avoid inhalation of vapour Ensure adequate ventilation Use local extraction equipment where possible Wear suitable protective clothing (see section 8)
Storage:	Store in tightly closed labelled containers Store in a cool, dry, well ventilated area

8 - Exposure Controls

Occupational Exposure Limit:	Not Assigned
	Wear nitrile gloves Wear suitable overalls or apron and change if contaminated Wear suitable eye protection such as BS EN 166 Use in well ventilated areas. Use mechanical ventilation if possible After contact with skin wash off immediately

9 - Physical & Chemical Properties

Appearance	**:** Blue suspension in mineral oil
Odour	**:** Pleasant
pH	**:** n/e
Boiling point/range	**:** >300°C
Melting point/range	**:** -n/e
Flash point	**:** n/e
Flammability	**:** NON-FLAMMABLE
Autoflammability	**:** n/e
Explosive properties	**:** n/e
Oxidising properties	**:** None
Vapour pressure	**:** <0.1kPa at 20°
Relative density	**:** <1
Solubility	**:** Almost insoluble
Vapour Density	**:** n/e
Viscosity	**:** Viscous
Evaporation rate (Bu Ac = 1)	**:** n/e

(n/e = not established)

10 - Stability and Reactivity

Stable at normal temperatures
Materials to avoid: oxidising agents
Conditions to avoid: high temperature & direct sunlight
No hazardous decomposition products when stored and handled correctly

11 - Toxicological Information

Routes of exposure: inhalation, skin absorption and ingestion
Acute effects from ingestion: Nausea, vomiting and stomach pain
Repeated skin contact may cause dermatitis

12 - Ecological Information

Ecotoxicity:- No specific data available
Persistence:- No specific data available
Bioaccumulative potential:- No specific data available
Mobility:- Not determined

13 -Disposal Considerations

Do not discharge into drains or watercourses
Dispose of in accordance with local regulations

14 -Transport Information

Not classified as hazardous for transport

15 - Regulatory Information

a) Label Elements

Not classified as hazardous according to EC/1272/2008
Not classified as hazardous according to SI 2009:716

b) Other Regulations

Health & Safety at Work etc. Act 1974
Control of Substances Hazardous to Health Regulations 2002 (as amended)
Chemicals (Hazard Information and Packaging for Supply) Regulations 2009
Classification, Labelling and Packaging of Substances and Mixtures Regulations 2008 (as amended)
EH40/2005 Workplace Exposure Limits (as amended)
Environmental Protection Act 1990
Hazardous Waste Regulations 2005

16 - Other Information

The information in this Safety Data Sheet should be provided to all who will use, handle, store, transport or otherwise be exposed to this product. This information has been prepared for the guidance of plant engineering, operations, management and for people working with or handling these products. This information is believed to be reliable and updated at Revision Date, and represents the best information currently available and known by Industrial Consumer Supplies (ICS). However, ICS makes no guarantee or warranty, express or implied, with respect to such information and we assume no liability resulting from its use. The information related herein is based on proper handling and anticipated uses and is for the material without chemical additions or alterations. Users should make their own investigations to determine the suitability of the information for their particular purposes. It is the responsibility of the user to undertake a suitable risk assessment/COSHH assessment prior to using this material.