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SAFETY DATA SHEET

SUPER ENAMEL (all Codes Except 1138/1145/1148)

1 IDENTIFICATION OF THE PREPARATION AND THE COMPANY:

SUBSTANCE NAME: SUPER ENAMEL (all Codes Except 1138/1145/1148) REFERENCE No.: PK1010

SUPPLIER: PLASTI-KOTE LTD. UNIT 9, LONDON ROAD INDUSTRIAL ESTATE, SAWSTON, CAMBRIDGE. CB2 4TR

EMERGENCY TELEPHONES: Telephone 01223 836400 Fax 01223 836686

2 COMPOSITION/INFORMATION ON INGREDIENTS:

INGREDIENT NAME	CAS No.	CONTENTS	HEALTH (class)	RISK (R No.)
ACETONE	67-64-1	33-42%	-	R11
ETHYL ACETATE	141-78-6	0-5%	-	R11
ETHANOL	64-17-5	5-10%	-	R11
ETHYL 3-ETHOXYPROPIONATE	763-69-9	2-5%	XI	R36
METHYL ETHYL KETONE	78-93-3	0-5%	XI	R11, R36/37
XYLENE	1330-20-7	5-10%	Xn	R11, R20/21, 38
PROPANE	74-98-6	10-15%		R12
BUTANE/ISOBUTANE	106-97-8	7-15%		R12

3 HAZARDS IDENTIFICATION:

Pressurised Container
Harmful by inhalation.
Extremely flammable.
Deliberately concentrating and inhaling the contents of this container is dangerous and can be fatal

4 FIRST AID MEASURES:

GENERAL: Move the exposed person to fresh air at once.

EYES: Promptly wash eyes with lots of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

SKIN: Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above.

INHALATION: Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. Keep the affected person warm and at rest. Get prompt medical attention.

INGESTION: Rinse mouth thoroughly. DO NOT induce vomiting. Get medical attention immediately.

5 FIRE FIGHTING MEASURES:

EXTINGUISHING MEDIA: Use water spray, fog or mist, carbon dioxide (CO2), foam

SPECIAL FIRE FIGHTING PROCEDURES: Water may be ineffective but use to keep fire-exposed containers cool. If a leak or spill has not ignited, use water spray to disperse vapours and protect men stopping the leak. Water spray may be used to flush spills away and dilute spills to non-flammable mixtures. Use water spray to reduce vapours. Warn fire-fighters that aerosols are involved

UNUSUAL FIRE & EXPLOSION HAZARDS: Makes explosive mixtures with air. Extremely flammable. May explode in a fire. May travel considerable distance to source of ignition and flash back.

6 ACCIDENTAL RELEASE MEASURES:

SPILL CLEANUP METHODS: Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb in vermiculite, dry sand or earth and place into containers. Collect and reclaim or dispose in sealed containers in licensed waste. Provide ventilation and confine spill.

7 HANDLING AND STORAGE:

USAGE PRECAUTIONS: Keep away from heat, sparks and open flame. Read and follow manufacturer's recommendations.

STORAGE PRECAUTIONS: Flammable/combustible Keep away from oxidisers, heat and flames. Store at moderate temperatures in dry, well ventilated area. Keep away from heat, sparks and open flame. Protect from sunlight and do not expose to temperatures exceeding 50°C.

8 EXPOSURE CONTROLS AND PERSONAL PROTECTION:

INGREDIENT NAME	CAS No.	STD	LT EXP (8 hrs)	ST EXP (10 min)
ACETONE	67-64-1	OES	750 ppm	1500 ppm
ETHYL ACETATE	141-78-6	OES	400 ppm	No std.
ETHANOL	64-17-5	OES	1000 ppm	No std.
ETHYL 3-ETHOXYPROPIONATE	763-69-9	IHL	100 ppm	50 ppm
METHYL ETHYL KETONE	78-93-3	OES	200 ppm	300 ppm
XYLENE	1330-20-7	OES	100 ppm(8h)	150 ppm(8h)
PROPANE	74-98-6		Asphyxiant	Asphyxiant
BUTANE/ISOBUTANE	106-97-8	OES	600ppm	750ppm

(IHL - in house exposure level)

VENTILATION: No specific ventilation requirements noted, except this product must not be used in a confined space without good ventilation.

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

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PHYSICAL AND CHEMICAL PROPERTIES:

CLOUR: varying APPEARANCE: aerosol

PHYSICAL DATA COMMENTS: Flash point method not available for aerosols.
Physical Data on individual ingredients of this preparation are available on request from the manufacturer.

FLASH POINT (°C): N/A FLASH POINT METHOD: N/A

STABILITY AND REACTIVITY:

STABILITY: Normally stable.
CONDITIONS TO AVOID: Avoid heat, flames and other sources of ignition. Avoid contact with oxidisers or reducing agents.

TOXICOLOGICAL INFORMATION:

HEALTH WARNINGS: Gas or vapour is harmful on prolonged exposure or in high concentrations. Irritant of eyes and mucous membranes. Vapour from this chemical can be hazardous when inhaled. This chemical may cause skin/eye irritation.

MEDICAL SYMPTOMS: Irritation of eyes and mucous membranes. Upper respiratory irritation.

ACUTE AND CHRONIC HEALTH HAZARDS: Repeated exposure may cause chronic eye irritation.
Repeated exposure may cause chronic upper respiratory irritation. Defatting, drying and cracking of skin.

ECOLOGICAL INFORMATION:

ENVIRONMENTAL HAZARDS: Not required for this preparation. Environmental Data on individual substances available on request from the manufacturer.
Contains Volatile Organic Compounds

DISPOSAL CONSIDERATIONS:

DISPOSAL METHODS: Ensure container is empty and dispose of in accordance with Local Authority regulations. Do not pierce or incinerate even when container is empty.

TRANSPORT INFORMATION:

ROAD:		SEA:	
UN No:	1950	UN SEA:	1950
ADR CLASS:	2	SEA TRANSPORT CLASS No.:	2
ADR ITEM No.:	3.7	EMDG Page No.:	9022
ADR LABEL:	1950, Aerosols, 2, 5 *F, ADR	SEA PACK OR:	II
LABEL FOR CONVEYANCE:	Flammable gas (class 2). (red diamond with flame symbol.)	MARINE POLLUTANT:	No

REGULATORY INFORMATION:

LABEL FOR SUPPLY: Extremely flammable.
(orange/black with flame symbol.)

RISK PHRASES: R-12 Extremely flammable.

SAFETY PHRASES: S-2 Keep out of reach of children.
S-31 Use only in well ventilated areas.
S-16 Keep away from sources of ignition - No Smoking.
S23+ Do not breathe spray or vapour

UK REGULATORY REFERENCES:

Classification, Packaging and Labelling Regulations 1984. Health and Safety at Work Act 1974.
The Control of Substances Hazardous to Health Regulations 1988. H.S.E. EH40/96 Occupational Exposure Limits 1996
The Chemicals (Hazard Information & Packaging for Supply) Regulations 1994.
The Chemicals (Hazard Information & Packaging for Supply) (Amendment) Regulations 1996

EC DIRECTIVES:

Aerosol Directive 75/324/EEC as amended by 94/1/EEC Dangerous Preparations Directive 88/379/EEC
Labelling Directive 91/155/EEC as amended by 93/112/EEC

STATUTORY INSTRUMENTS:

The Consumer Protection Act 1987 SI 1140 The Aerosol Dispensers Regulations 1977
The Classification, Packaging and Labelling of Dangerous Substances Regulations 1984 (SI 1244)

The Health and Safety at Work etc. Act 1974

APPROVED CODE OF PRACTICE:

The Control of Substances Hazardous to Health British Aerosol Manufacturers Code of Practice, 6th Ed 1995
OTHER INFORMATION SOURCES Material Safety Data Sheet, M/iso. manufacturers.

OTHER INFORMATION:

DRAWN BY: R.H. Greene.

REVISED: 22-7-97

REVISION No. 3

REASON FOR REVISION CHIP 96