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**SAFETY DATA SHEET****ODDS 'n' ENDS SPRAY ENAMELS****1 IDENTIFICATION OF THE PREPARATION AND THE COMPANY:**

PRODUCT NAME: ODDS 'n' ENDS SPRAY ENAMELS

SUPPLIER: PLASTI-KOTE LTD. PO BOX 867, PAMPISFORD, CAMBRIDGE, CB2 4XP. U.K.

EMERGENCY TELEPHONES: Telephone: 44 (0) 1223 836400 Fax: 44 (0) 1223 836686

**2 COMPOSITION/INFORMATION ON INGREDIENTS:**

INGREDIENT NAME	CAS No.	CONTENTS	HEALTH (Class)	RISK (R No.)
ACETONE	67-64-1	20-25%	-	
XYLENE	1330-20-7	0-5%	Xn	R20/21, R38
MINERAL SPIRITS	64742-48-9	5-10%	Xn	R65
ALIPHATIC HYDROCARBON	64742-89-8	30-40%	Xn	R65
PROPANE	74-98-6	15-25%		R12
BUTANE/ISOBUTANE	106-97-8	8-15%		R12

**3 HAZARDS IDENTIFICATION:**

Pressurised Container      Extremely Flammable.      Solvent abuse can kill instantly.

**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 eyelids. 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: Water spray, fog or mist, carbon dioxide (CO<sub>2</sub>), foams

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

UNUSUAL FIRE & EXPLOSION HAZARDS: 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. Do not spray near a naked flame or any incandescent material.

STORAGE PRECAUTIONS: Flammable/combustible 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
ALIPHATIC HYDROCARBON	64742-89-8	Rec.OES	300ppm	
MINERAL SPIRITS	64742-48-9	Rec.OES	300ppm	100 ppm (Sk)
XYLENE	1330-20-7	OES	Asphyxiant	150 ppm (Sk)
PROPANE	74-98-6			Asphyxiant



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106-97-8

OES

600 ppm

750 ppm

BUTANE/ISOBUTANE  
(N.B. Rec. OES = Suppliers Recommended Level)



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**8 EXPOSURE CONTROLS AND PERSONAL PROTECTION: Continued**

**VENTILATION:** No specific ventilation requirements noted, except this product must not be used in a confined space without good ventilation. If, following workplace assessment, OES is likely to be exceeded due to use where natural ventilation is insufficient suitable respirator with organic vapour cartridge must be worn.

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

**GENERAL:** Do not smoke when using this product.

**9 PHYSICAL AND CHEMICAL PROPERTIES:**

**APPEARANCE:** Aerosol container containing a mixture of active ingredients, solvents and propellants. **ODOUR:** solvent

**PHYSICAL DATA COMMENTS:** A Flash Point method is not available for aerosols but the major hazardous component, the propellant, has a Flash Point of <40°C with Flammability limits of 9.5% vol. Upper and 1.8%vol Lower. Auto-ignition temperature is 410/580°C.

**10 STABILITY AND REACTIVITY:**

**STABILITY:** Highly volatile. **CONDITIONS TO AVOID:** Avoid heat, flames and other sources of ignition.

**11 TOXICOLOGICAL INFORMATION:**

**HEALTH WARNINGS:** Narcotic effect. Drowsiness. Concentrating and inhaling the gas/spray can lead to abnormal heart rhythms and possibly death.

**ROUTE OF ENTRY:** Inhalation. **TARGET ORGANS:** Central nervous system. Respiratory system, lungs.

**MEDICAL SYMPTOMS:** Narcotic effect. Drowsiness. Dizziness.

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

**12 ECOLOGICAL INFORMATION:**

**ENVIRONMENTAL HAZARDS:** Due to the small quantities involved and the volatility of the ingredients the contents of this container present low risk to soil or water. The product contains Volatile Organic Compounds which when released to air, in larger quantities, have the potential for photochemical ozone creation.

**13 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.

**14 TRANSPORT INFORMATION:**

This product is packed in accordance with the Limited Quantity Provisions of CDGCPL2, ADR and IMDG. These Provisions allow transport of aerosols of less than 1 litre packed in cartons of less than 30kg gross weight to be exempt from control providing they are labelled in accordance with the requirements of those regulations to show that they are transported as Limited Quantities. Aerosols not so packed and labelled must show the following.

**ROAD (GB):**  
MARK: Aerosols, UN1950, Class 2, Div. 2.2  
LABEL FOR CONVEYANCE:  
Flammable Gas (class 2).

**ROAD (ADR):**  
MARK: 1950, Aerosols, 2, 5°F, ADR  
LABEL FOR CONVEYANCE:  
Label Model Number 3, Flammable

**SEA**  
MARK: Aerosols UN1950  
SEA TRANSPORT CLASS No. 2  
IMDG Page No.:2102

**15 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-51 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:** Health and Safety at Work Act 1974. The Control of Substances Hazardous to Health Regulations 1988.

H.S.E. EH40/99 Occupational Exposure Limits 1999. The Chemicals (Hazard Information & Packaging for Supply) Regulations 1994. (as amended)

EC DIRECTIVES: Aerosol Directive 75/324/EEC as amended by 94/1/EEC. Dangerous Preparations Directive 68/379/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 & 1997

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, 7th.Ed 1999.

OTHER INFORMATION SOURCES: Material Safety Data Sheet, Misc. manufacturers

**16 OTHER INFORMATION:**

The information contained in this Data Sheet is provided in accordance with the Chemicals (Hazard Information & Packaging for Supply) Regulations 1994 (as amended in 1996). It does not constitute the user's own assessment of work place risks as required by other health and safety legislation. The provisions of the Health and Safety at Work etc. Act and the Control of Substances Hazardous to Health Regulations apply to the use of this product at work. As the specific conditions of use of the product are outside the suppliers control the user is responsible for ensuring that the requirements of the relevant legislation are complied with.



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This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with legal regulations. The information contained herein is based on the current state of our knowledge and is intended to describe products from the point of view of safety requirements and thus should not be construed as guaranteeing specific properties.

Revised October 1999

Reason for revision CHIP 99, EH40/99