

SAFETY DATA SHEET

FLUOROCOAT THIN FILM COATING

1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

PRODUCT NAME FLUOROCOAT THIN FILM COATING
PRODUCT NO. ETFCF250/ 05L
APPLICATION Conformal coating for appliance protection
SUPPLIER H K WENTWORTH PTY LIMITED
 P.O. BOX 339
 BROOKVALE, NSW 2100
 AUSTRALIA
 TEL: 02 9938 1566
 FAX: 02 9938 1467
 GENERAL MANAGER
EMERGENCY TELEPHONE Tel: 029938 1566 between 8.30am and 5.00pm EST

2 HAZARDS IDENTIFICATION

HAZARD ID

Highly flammable.

Vapours may cause drowsiness and dizziness.

Harmful: may cause lung damage if swallowed.

Irritating to skin.

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

HAZARD ID 2

The above phrases are the risks associated with the product

STATEMENT OF HAZARDOUS NATURE

HAZARDOUS SUBSTANCE (According to criteria of NOHSC). DANGEROUS GOODS (According to ADG Code).

SAFETY PHRASES

S9	Keep container in a well-ventilated place.
S16	Keep away from sources of ignition - No smoking.
S24	Avoid contact with skin.
S37	Wear suitable gloves.
S51	Use only in well-ventilated areas.
S62	If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

DG CLASS

Class 3: Flammable liquids.

PACKING GROUP II

UN NO. 3295

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
C7-C10 ISO-ALKANES	292-458-5	90622-56-3	60-100%	Xn;R65. Xi;R38. F;R11. N;R51/53. R67.

COMPOSITION COMMENTS

Ingredients not listed are classified as non-hazardous or at a concentration below reportable levels Ingredients are registered on AICS

4 FIRST-AID MEASURES

NOTES TO THE PHYSICIAN

Treat symptomatically

FLUOROCOAT THIN FILM COATING

INHALATION

Move the exposed person to fresh air at once. Keep the affected person warm and at rest. Get prompt medical attention.

INGESTION

Rinse mouth thoroughly. Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs. Provide rest, warmth and fresh air. Get medical attention immediately!

SKIN CONTACT

Wash the skin immediately with soap and water. Get medical attention if irritation persists after washing.

EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Contact physician if irritation persists.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Fire can be extinguished using: Foam. Dry chemicals, sand, dolomite etc.

SPECIAL FIRE FIGHTING PROCEDURES

Avoid breathing fire vapours. Cool containers exposed to flames with water until well after the fire is out.

6 ACCIDENTAL RELEASE MEASURES

SPILL CLEAN UP METHODS

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb in vermiculite, dry sand or earth and place into containers.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Keep away from heat, sparks and open flame.

STORAGE PRECAUTIONS

Flammable/combustible - Keep away from oxidisers, heat and flames. Store in tightly closed original container in a cool, dry well-ventilated place. Keep in original container.

STORAGE CLASS

Flammable liquid storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

INGREDIENT COMMENTS

Australian exposure limits are: LT= ES-TWA and ST= ES STEL

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

All handling to take place in well-ventilated area. Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

RESPIRATORY EQUIPMENT

In case of inadequate ventilation and work of brief duration, use suitable respiratory equipment.

HAND PROTECTION

Protective gloves should be used if there is a risk of direct contact or splash. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

EYE PROTECTION

Use approved safety goggles or face shield.

OTHER 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 at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap & water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

FLUOROCOAT THIN FILM COATING

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid		
COLOUR	Colourless		
ODOUR	Characteristic		
BOILING POINT (°C)	>110	MELTING POINT (°C)	-20
RELATIVE DENSITY	0.724 @ 15 °c	VAPOUR PRESSURE	1.9 kPa @ 20 °c
VISCOSITY	0.62 mPas @ 25 °c	FLASH POINT (°C)	7
AUTO IGNITION TEMPERATURE (°C)	380	FLAMMABILITY LIMIT - LOWER(%)	0.7
FLAMMABILITY LIMIT - UPPER(%)	6.0		

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions.

CONDITIONS TO AVOID

Avoid heat. Avoid contact with oxidisers or reducing agents.

HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO2).

11 TOXICOLOGICAL INFORMATION

INHALATION

May cause irritation to the respiratory system. Vapours may cause headache, fatigue, dizziness and nausea.

INGESTION

Harmful: may cause lung damage if swallowed.

SKIN CONTACT

Irritating to skin. Prolonged contact may cause dryness of the skin.

EYE CONTACT

Irritating to eyes.

Other Health Effects

This substance has no evidence of carcinogenic properties.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

Not regarded as dangerous for the environment.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

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

14 TRANSPORT INFORMATION



UK ROAD CLASS	3		
PROPER SHIPPING NAME	HYDROCARBONS, LIQUID, N.O.S. (C7-C10 ISO-ALKANES, NAPHTHA (PETROLEUM),)		
ADG CLASS			
Class 3: Flammable liquid			
UN NO.	3295	UK ROAD PACK GR.	II

FLUOROCOAT THIN FILM COATING

ADR CLASS NO.	3	DG CLASS	Class 3: Flammable liquids.
PACKING GROUP	II	HAZARD No. (ADR)	33
ADR LABEL NO.	3	HAZCHEM CODE	3WE
CEPIC TEC(R) NO.	30GF1-I+II	RID CLASS NO.	3
RID PACK GROUP	II	UN NO. SEA	3295
IMDG CLASS	3	IMDG PAGE NO.	3
IMDG PACK GR.	II	EMS	F-E, S-D
MFAG	See Guide	MARINE POLLUTANT	No.
UN NO. AIR	3295	AIR CLASS	3
AIR PACK GR.	II		

15 REGULATORY INFORMATION

LABELLING



Harmful



Highly Flammable



Dangerous for the environment

CONTAINS

C7-C10 ISO-ALKANES

RISK PHRASES

- R11 Highly flammable.
- R38 Irritating to skin.
- R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R65 Harmful: may cause lung damage if swallowed.
- R67 Vapours may cause drowsiness and dizziness.

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- S9 Keep container in a well-ventilated place.
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GUIDANCE NOTES

Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003 (1995)]

NATIONAL REGULATIONS

National Model Regulations for the Control of Workplace Hazardous Substances [NOHSC:1005(1994)]

National Code of Practice for the Control of Workplace Hazardous Substances [NOHSC:2007(1994)]

National Code of Practice for the Preparation of Material Safety Datasheets [NOHSC:2011(2003)]

Approved Criteria for Classifying Hazardous Substances [NOHSC:1008 (2004) and List of Designated Hazardous Substances

POISONS SCHEDULE NUMBER NONE

16 OTHER INFORMATION

REVISION DATE NOVEMBER 2007

REV. NO./REPL. SDS GENERATED 0

SDS NO. 10607

RISK PHRASES IN FULL

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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 particular use.