

# SAFETY DATA SHEET

## FLUOROCOAT THIN FILM COATING

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY:

**PRODUCT NAME:** FLUOROCOAT THIN FILM COATING

**PART No.:** ETFCF-BULK

**SUPPLIER:** H K WENTWORTH PTY LIMITED  
P.O. BOX 339  
BROOKVALE, NSW 2100  
AUSTRALIA  
Tel: 02 9938 1566  
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### 2. COMPOSITION/INFORMATION ON INGREDIENTS:

NAME	EINECS Nr.:	CLASSIFICATION	CONTENT
CAS No.: NAPHTHA (PETROLEUM), 64741-66-8	265-068-8	Xn R-10	1-5 %
C7-C10 Iso alkanes 90622-56-3	292-458-5	Xn ,F R-11, 65	60-100 %

The Full Text for all R-Phrases are Displayed in Section 16

### 3. HAZARDS IDENTIFICATION:

Highly flammable. Harmful: may cause lung damage if swallowed.

HAZARDOUS SUBSTANCE: DANGEROUS GOODS

### 4. FIRST AID MEASURES:

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

**EYES:** 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 CLEANUP 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 oxidizers, heat and flames. Keep in cool, dry, ventilated storage and closed containers. Keep in original container.

**STORAGE CRITERIA:** Flammable liquid storage.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

**INGREDIENT COMMENTS:** OES = Occupational Exposure Standard.

**PROTECTIVE EQUIPMENT:**



**VENTILATION:** All handling to take place in well ventilated area.

**PROTECTIVE GLOVES:** Use protective gloves.

**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.

**HYGIENIC WORK PRACTICES:** 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. No eating or drinking while working with this material.

## 9. PHYSICAL AND CHEMICAL PROPERTIES:

**APPEARANCE:** Liquid.

**COLOUR:** Colourless.

**ODOUR/TASTE:** Characteristic.

**BOILING POINT (°C, interval):** >110

**Pressure:**

**MELT./FREEZ. POINT (°C, interval):** -20

**DENSITY/SPECIFIC GRAVITY (g/ml):** 0.724

**Temperature (°C):** 15

**VAPOUR PRESSURE:** 1.9 kPa

**Temperature (°C):** 20

**VISCOSITY (interval):** 0.62 mPas

**Temperature (°C):** 25

**FLASH POINT (°C):** 7

**Method:**

**AUTO IGNITION TEMP. (°C):** 380

**FLAMMABILITY LIMIT - LOWER(%):** 0.7

**FLAMMABILITY LIMIT - UPPER(%):** 6.0

## 10. STABILITY AND REACTIVITY:

**STABILITY:** Normally stable.

**CONDITIONS TO AVOID:** Avoid heat. Avoid contact with oxidisers or reducing agents.

**HAZARDOUS DECOMP. PRODUCTS:** Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

## 11. TOXICOLOGICAL INFORMATION:

**INHALATION:** May cause irritation to the respiratory system. Solvent vapours are hazardous and may cause nausea, sickness and headaches.

**INGESTION:** Harmful: may cause lung damage if swallowed.

**SKIN:** Irritating to skin. Prolonged or repeated contact leads to drying of skin.

**EYES:** Irritating to eyes.

**OTHER HEALTH EFFECTS:** This substance has no evidence of carcinogenic properties.

## 12. ECOLOGICAL INFORMATION:

**ECOLOGICAL INFORMATION:** Not regarded as dangerous for the environment.

## 13. DISPOSAL CONSIDERATIONS:

**DISPOSAL METHODS:** Dispose of in accordance with Local Authority requirements.

## 14. TRANSPORT INFORMATION:

**LABEL FOR CONVEYANCE:**



**UN No. ROAD:** 1993

**UK ROAD TRANSPORT CLASS:** 3

**UK ROAD PACK GR.:** II

**ADR CLASS No.:** 3

**ADR CLASS:** Class 3: Flammable liquids.

**ADR ITEM No.:** II

<b>ADR MARGINAL:</b>	2301
<b>ADR LABEL No.:</b>	3
<b>HAZCHEM CODE:</b>	3YE
<b>CEFIC TEC(R) No.:</b>	30GF1-I+II,30GF1-sp
<b>PROPER SHIPPING NAME I:</b>	FLAMMABLE LIQUID, N.O.S. (C7-C10 Iso alkanes, NAPHTHA (PETROLEUM),)
<b>RID CLASS No.:</b>	3
<b>RID ITEM No.:</b>	II
<b>UN No. SEA:</b>	1993
<b>IMDG CLASS:</b>	3
<b>IMDG PAGE No.:</b>	3345
<b>IMDG PACK GR.:</b>	II
<b>EmS No.:</b>	F-E; S-E
<b>MFAG TABLE No.:</b>	See Guide
<b>MARINE POLLUTANT:</b>	No.
<b>UN No., AIR:</b>	1993
<b>ICAO CLASS:</b>	3
<b>AIR PACK GR.:</b>	II

## 15. REGULATORY INFORMATION:

### LABEL FOR SUPPLY:



<b>RISK PHRASES:</b>	R-11 Highly flammable. R-65 Harmful: may cause lung damage if swallowed.
<b>SAFETY PHRASES:</b>	S-16 Keep away from sources of ignition - No Smoking. S-51 Use only in well ventilated areas. S-62 If swallowed, do not induce vomiting. Seek medical advice immediately and show the container or label. S-9 Keep container in a well ventilated place.
<b>STATUTORY INSTRUMENTS:</b>	Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health.
<b>APPROVED CODE OF PRACTICE:</b>	Classification and Labelling of Substances and Preparations Dangerous for Supply.
<b>GUIDANCE NOTES:</b>	Occupational Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

## 16. OTHER INFORMATION:

<b>USER NOTES:</b>	CN No 32089091
<b>REVISION COMMENTS:</b>	Revised in accordance with CHIP3 and EU Directive 1999/45/EC
<b>ISSUED BY:</b>	Helen O'Reilly

**REVISION DATE:** Dmay 2003

**REV. No./REPL. SDS GENERATED:** 0

**SDS No.:** 10360

**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 unless specified in the text. The information contained in this safety data sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for the safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification

**R-PHRASES (Full Text):** R-11 Highly flammable. R-65 Harmful: may cause lung damage if swallowed. R-10 Flammable.