



Chemical Products Division



# SAFETY DATA SHEET

## Pronto Plus

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

**PRODUCT NAME:** Pronto Plus

**PART No.:** 8009

**APPLICATIONS:** A Lithographic Blanket and Roller Wash

**SUPPLIER:** Varn Products Company Limited  
Varn House, Northbank Industrial Estate,  
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M44 5BL  
Tel: (0)161 775 5412  
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### 2. COMPOSITION/INFORMATION ON INGREDIENTS:

NAME	EINECS Nr.:	CLASSIFICATION	CONTENT
n-HEXANE 110-54-3	203-777-6	Xn ,F ,N R-11, 38, 48/20, 51/53, 62, 65, 67 Rep3	0-1 %
n-HEPTANE 142-82-5	205-563-8	Xn ,F ,N R-11, 38, 50/53, 65, 67	10-30 %
CYCLOHEXANE 110-82-7	203-806-2	Xn ,F ,N R-11, 38, 50/53, 65, 67	1-5 %
METHYLCYCLOHEXANE 108-87-2	203-624-3	Xn ,F ,N R-11, 38, 65, 67, 51/53	10-30 %
OCTANE 111-65-9	203-892-1	Xn ,F ,N R-11, 38, 50/53, 65, 67	30-60 %
SOLVENT NAPHTHA (PETROLEUM), HEAVY AROMATIC (1) 64742-94-5	265-198-5	Xn ,N R-51/53, 65, 66, 67	0-1 %
NAPHTHA (PETROLEUM), HYDROTREATED LIGHT (2) 64742-49-0	265-151-9	Xn ,F ,N R-11, 38, 51/53, 65, 67	10-30 %

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

**COMPOSITION COMMENTS:** A petroleum distillate blend.

### 3. HAZARDS IDENTIFICATION:

Highly flammable. Irritating to skin. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Harmful: may cause lung damage if swallowed. Vapours may cause drowsiness and dizziness.

#### 4. FIRST AID MEASURES:

<b>INHALATION:</b>	Move the exposed person to fresh air at once. For breathing difficulties oxygen may be necessary. If breathing stops, provide artificial respiration. Keep the affected person warm and at rest. Get prompt medical attention.
<b>INGESTION:</b>	Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs. Remove victim immediately from source of exposure. Provide rest, warmth and fresh air. Get medical attention immediately!
<b>SKIN:</b>	Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if irritation persists after washing.
<b>EYES:</b>	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:

<b>EXTINGUISHING MEDIA:</b>	Fire can be extinguished using: Carbon dioxide (CO2). Foam. Dry chemicals, sand, dolomite etc.
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b>	Avoid breathing fire vapours. Cool containers exposed to flames with water until well after the fire is out. Keep run-off water out of sewers and water sources. Dike for water control.

#### 6. ACCIDENTAL RELEASE MEASURES:

<b>SPILL CLEANUP METHODS:</b>	Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb in vermiculite, dry sand or earth and place into containers. Do not let washing down water contaminate ponds or waterways. Wear necessary protective equipment.
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#### 7. HANDLING AND STORAGE:

<b>USAGE PRECAUTIONS:</b>	Maintain good standards of hygiene and work practices. Avoid spilling, skin and eye contact. Keep away from heat, sparks and open flame. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.
<b>STORAGE PRECAUTIONS:</b>	Flammable/combustible - Keep away from oxidizers, heat and flames. Keep in cool, dry, ventilated storage and closed containers. Keep in original container. Protect against physical damage and/or friction. May attack some plastics, rubber and coatings.
<b>STORAGE CRITERIA:</b>	Flammable liquid storage.

#### 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

<b>INGREDIENT NAME:</b>	<b>CAS No.:</b>	<b>STD</b>	<b>LT EXP 8 Hrs</b>	<b>ST EXP 15 Min</b>
n-HEPTANE	142-82-5	OES	500 ppm	
n-HEXANE	110-54-3	OES	20 ppm	No std.
CYCLOHEXANE	110-82-7	OES	100 ppm	300 ppm
METHYLCYCLOHEXANE	108-87-2	OES	400 ppm	500 ppm
OCTANE	111-65-9	OES	300 ppm	375 ppm
SOLVENT NAPHTHA (PETROLEUM), HEAVY AROMATIC (1)	64742-94-5	OES	80 ppm	
NAPHTHA (PETROLEUM), HYDROTREATED LIGHT (2)	64742-49-0	OES	1813 mg/m3	

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

**PROTECTIVE EQUIPMENT:**



**VENTILATION:** Provide adequate general and local exhaust ventilation.

**RESPIRATORS:** Respiratory protection must be used if air concentration exceeds acceptable level.

**PROTECTIVE GLOVES:** Nitrile.

**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. Promptly remove any clothing that 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:

<b>APPEARANCE:</b>	Liquid.		
<b>COLOUR:</b>	Colourless.		
<b>ODOUR/TASTE:</b>	Hydrocarbon.		
<b>BOILING POINT (°C, interval):</b>	98 - 140	<b>Pressure:</b>	760mmHg
<b>DENSITY/SPECIFIC GRAVITY (g/ml):</b>	0.74	<b>Temperature (°C):</b>	20
<b>VAPOUR PRESSURE:</b>	2.7 / 11.1 kPa	<b>Temperature (°C):</b>	20 / 50
<b>SOLUBILITY DESCRIPTION:</b>	Immiscible with water.		
<b>FLASH POINT (°C):</b>	2	<b>Method:</b>	CC (Closed cup).
<b>AUTO IGNITION TEMP. (°C):</b>	> 200		
<b>FLAMMABILITY LIMIT - LOWER(%):</b>	0.7		
<b>FLAMMABILITY LIMIT - UPPER(%):</b>	7.0		

## 10. STABILITY AND REACTIVITY:

<b>STABILITY:</b>	Avoid: Heat, sparks, flames. Normally stable.
<b>CONDITIONS TO AVOID:</b>	Avoid contact with strong oxidisers. Avoid heat, flames and other sources of ignition.
<b>HAZARDOUS DECOMP. PRODUCTS:</b>	Not known.

## 11. TOXICOLOGICAL INFORMATION:

**HEALTH WARNINGS:** INHALATION. May cause irritation to the respiratory system. Solvent vapours are hazardous and may cause nausea, sickness and headaches. SKIN CONTACT. Irritating to skin. EYE CONTACT.

Direct contact with the eye may cause irritation. INGESTION. May cause discomfort. Aspiration into the lungs during ingestion or subsequent vomiting will cause severe lung damage.

## 12. ECOLOGICAL INFORMATION:

<b>ECOLOGICAL INFORMATION:</b>	Volatile Organic Content (%) is equal to 95 - 100
<b>MOBILITY:</b>	Solubility in water: Immiscible with water
<b>BIO ACCUMULATION:</b>	No data available.
<b>DEGRADABILITY:</b>	No data available.
<b>ACUTE FISH TOXICITY:</b>	No data available.
<b>WATER HAZARD CLASSIFICATION:</b>	Germany : WGK 2

## 13. DISPOSAL CONSIDERATIONS:

<b>DISPOSAL METHODS:</b>	Dispose of in accordance with Local Authority requirements.
<b>WASTE CLASS:</b>	Regulation 2000/532/EC - Chapter Heading: Waste from MFSU of fine chemicals and chemical products not otherwise specified - 070704. Description: Other organic solvents, washing liquids and mother liquors.

## 14. TRANSPORT INFORMATION:

### LABEL FOR CONVEYANCE:



<b>UN No. ROAD:</b>	1268
<b>UK ROAD PACK GR.:</b>	II
<b>ADR CLASS:</b>	Class 3: Flammable liquids.
<b>ADR LABEL No.:</b>	3
<b>PROPER SHIPPING NAME I:</b>	Petroleum Distillates N.O.S.
<b>PROPER SHIPPING NAME II:</b>	Refined Hydrocarbons
<b>ROAD TRANSPORT NOTES:</b>	Vapour Pressure at 50 DegC is less than 110 kPa
<b>RID CLASS No.:</b>	3
<b>UN No. SEA:</b>	1268
<b>IMDG CLASS:</b>	3

IMDG PACK GR.: II  
EmS No.: 3-07

## 15. REGULATORY INFORMATION:

### LABEL FOR SUPPLY:



**CONTAINS** n-HEPTANE  
METHYLCYCLOHEXANE  
OCTANE  
NAPHTHA (PETROLEUM), HYDROTREATED LIGHT (2)

**RISK PHRASES:** R-11 Highly flammable.  
R-38 Irritating to skin.  
R-50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R-65 Harmful: may cause lung damage if swallowed.  
R-67 Vapours may cause drowsiness and dizziness.

**SAFETY PHRASES:** S-16 Keep away from sources of ignition - No Smoking.  
S-24 Avoid contact with skin.  
S-43B In case of fire, use Carbon Dioxide (CO<sub>2</sub>), Foam or Powder extinguisher.  
S-51 Use only in well ventilated areas.  
S-57 Use appropriate containment to avoid environmental contamination.  
S-60 This material and its container must be disposed of as hazardous waste.  
S-61 Avoid release to the environment. Refer to special instructions/ Safety Data Sheets.  
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.

**EU DIRECTIVES:** Dangerous Substances Directive (67/548/EEC). Dangerous Preparations Directive (1999/45/EC). Safety Data Sheets Directive (91/155/EEC) (As amended).

**STATUTORY INSTRUMENTS:** Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health.

**APPROVED CODE OF PRACTICE:** Classification and Labelling of Substances and Preparations Dangerous for Supply.

**GUIDANCE NOTES:** Occupational Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

## 16. OTHER INFORMATION:

**REVISION COMMENTS:** Year 2002 - Dangerous Preparations Directive/ Dangerous Substances Directive/ SDS Directive amendments

**ISSUED BY:** Varn Products Laboratory

**REVISION DATE:** 19/10/02

**REV. No./REPL. SDS GENERATED:** 23/05/00

**SDS No.:** 2

**DISCLAIMER:** The information in this material Safety Data Sheet is based on the present state of our knowledge and on the current EC and National Regulations. The information relates to the specific product designated and may not be valid if it is used in combination with other materials or process. Nothing herein is to be construed as warranty, expressed or implied. It is always the responsibility of the user to take the necessary steps in order to fulfil the demands laid down in the rules and

legislation. The product is for Industrial use only.

**R-PHRASES (Full Text):**

R-11 Highly flammable. R-38 Irritating to skin. R-50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R-65 Harmful: may cause lung damage if swallowed. R-67 Vapours may cause drowsiness and dizziness. R-48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation. R-51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R-62 Possible risk of impaired fertility. R-66 Repeated exposure may cause skin dryness or cracking.