



SAFETY DATA SHEET

Phenoform

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME Phenoform
 PRODUCT NO. 509398
 SUPPLIER Dodge Company Ltd,
 Units 11/15 Ardglen Industrial Estate,
 Whitchurch, Hampshire,
 RG28 7BB, United Kingdom
 44 (0)1256-893883
 44 (0)1256-893868

2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
FORMALDEHYDE ...%	200-001-8	50-00-0	5-10%	Carc3;R40 T;R23/24/25 C;R34 R43
METHANOL	200-659-6	67-56-1	5-10%	F;R11 T;R23/24/25,R39/23/24/25
PARAFORMALDEHYDE - ALL TYPES	200-001-8	50-00-0	60-100%	Xn;R20/21/22. Carc 3;R40. Xi;R36/37/38. R10,R43.
PHENOL	203-632-7	108-95-2	1-5%	T;R24/25 C;R34

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

3 HAZARDS IDENTIFICATION

Harmful by inhalation. Causes burns. Irritating to respiratory system. Limited evidence of a carcinogenic effect. May cause sensitisation by skin contact. Toxic in contact with skin and if swallowed. Harmful: possible risk of irreversible effects through inhalation, in contact with skin and if swallowed.

CLASSIFICATION T;R24/25. Xn;R20,R68/20/21/22. Carc 3;R40. C;R34. Xi;R37. R43.

4 FIRST-AID MEASURES

INHALATION

Move the exposed person to fresh air at once. Get medical attention. Provide rest, warmth and fresh air. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.

INGESTION

DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Remove victim immediately from source of exposure. Drink plenty of water. Get medical attention immediately! Provide rest, warmth and fresh air.

SKIN CONTACT

Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention immediately.

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. Get medical attention immediately. Continue to rinse.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Use fire-extinguishing media appropriate for surrounding materials.

SPECIAL FIRE FIGHTING PROCEDURES

Move container from fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out.

SPECIFIC HAZARDS

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

6 ACCIDENTAL RELEASE MEASURES

Phenoform

SPILL CLEAN UP METHODS

Wear necessary protective equipment. Ventilate well. Stop leak if possible without risk. DO NOT touch spilled material. Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area. Do not let washing down water contaminate ponds or waterways. Wash thoroughly after dealing with a spillage.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Provide good ventilation. Avoid inhalation of vapours.

STORAGE PRECAUTIONS

Store in tightly closed original container in a cool, dry well-ventilated place. Keep in original container.

STORAGE CLASS

Toxic storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
METHANOL	OES	200 ppm(Sk)	266 mg/m3(Sk)	250 ppm(Sk)	333 mg/m3(Sk)
PHENOL	MEL	2 ppm(Sk)			
FORMALDEHYDE ...%	MEL	2 ppm	2.5 mg/m3	2 ppm	2.5 mg/m3

INGREDIENT COMMENTS

MEL = Maximum Exposure Limit. OES = Occupational Exposure Standard.

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

HAND PROTECTION

Use protective gloves.

EYE PROTECTION

Use eye protection.

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. Promptly remove any clothing that becomes contaminated. 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.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid		
COLOUR	Pink		
ODOUR	Phenolic.		
SOLUBILITY	Slightly soluble in water.		
RELATIVE DENSITY	1.20-1.21 @ 20 °c	VAPOUR DENSITY (air=1)	>1
FLASH POINT (°C)	62 CC (Closed cup).	FLAMMABILITY LIMIT - LOWER(%)	1.7
FLAMMABILITY LIMIT - UPPER(%)	73		

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions.

CONDITIONS TO AVOID

Avoid contact with acids and alkalis. Avoid contact with strong oxidisers. Avoid contact with strong reducing agents.

11 TOXICOLOGICAL INFORMATION

Phenoform

INHALATION

Toxic by inhalation. Prolonged inhalation of high concentrations may damage respiratory system. May cause irritation to the respiratory system. High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting.

INGESTION

Toxic if swallowed. Causes burns. May cause discomfort if swallowed. May cause stomach pain or vomiting. Swallowing concentrated chemical may cause severe internal injury.

SKIN CONTACT

Toxic in contact with skin. Causes burns. May cause sensitisation by skin contact. Prolonged contact may cause dryness of the skin.

EYE CONTACT

Irritating to eyes. Contact with concentrated chemical may very rapidly cause severe eye damage, possibly loss of sight.

HEALTH WARNINGS

Prolonged inhalation of high concentrations may damage respiratory system. Prolonged or repeated exposure may cause severe irritation.

The product causes irritation of mucous membranes and may cause abdominal discomfort if swallowed.

Other Health Effects

Carcinogen Category 3.

MEDICAL CONSIDERATIONS

Allergies. Skin disorders and allergies. History of smoking.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

Dangerous for the environment if discharged into watercourses.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

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

14 TRANSPORT INFORMATION



UK ROAD CLASS	6.1		
PROPER SHIPPING NAME	TOXIC SOLID, ORGANIC, N.O.S. (PARAFORMALDEHYDE - ALL TYPES, METHANOL)		
UN NO. ROAD	2811	UK ROAD PACK GR.	III
ADR CLASS NO.	6.1	ADR CLASS	Class 6.1: Toxic substances.
ADR PACK GROUP	III	HAZARD No. (ADR)	60
ADR LABEL NO.	6.1	HAZCHEM CODE	2X
CEFIC TEC(R) NO.	61GT2-III	RID CLASS NO.	6.1
RID PACK GROUP	III	UN NO. SEA	2811
IMDG CLASS	6.1	IMDG PAGE NO.	6.1
IMDG PACK GR.	III	EMS	F-A, S-A
MFAG	See Guide	MARINE POLLUTANT	No.
UN NO. AIR	2811	ICAO CLASS	6.1
AIR PACK GR.	III		

15 REGULATORY INFORMATION

LABELLING



Toxic



Corrosive

Phenoform

CONTAINS

FORMALDEHYDE ...%
 METHANOL
 PARAFORMALDEHYDE - ALL TYPES
 PHENOL

RISK PHRASES

R37 Irritating to respiratory system.
 R40 Limited evidence of a carcinogenic effect.
 R43 May cause sensitisation by skin contact.
 R24/25 Toxic in contact with skin and if swallowed.
 R68/20/21/22 Harmful: possible risk of irreversible effects through inhalation, in contact with skin and if swallowed.
 R20 Harmful by inhalation.
 R34 Causes burns.

SAFETY PHRASES

S25 Avoid contact with eyes.
 S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 S27 Take off immediately all contaminated clothing.
 S38 In case of insufficient ventilation, wear suitable respiratory equipment.
 S45 In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).
 S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

ENVIRONMENTAL LISTING

Rivers (Prevention of Pollution) Act 1961. Control of Pollution (Special Waste Regulations) Act 1980.

EU DIRECTIVES

System of specific information relating to Dangerous Preparations. 2001/58/EEC.

STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations.

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

INFORMATION SOURCES

Dangerous Properties of Industrial Materials Report, N.Sax et.al.

REVISION DATE OCTOBER 2004

RISK PHRASES IN FULL

R10 Flammable.
 R11 Highly flammable.
 R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
 R23/24/25 Toxic by inhalation, in contact with skin and if swallowed.
 R24/25 Toxic in contact with skin and if swallowed.
 R34 Causes burns.
 R36/37/38 Irritating to eyes, respiratory system and skin.
 R37 Irritating to respiratory system.
 R39/23/24/25 Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.
 R40 Limited evidence of a carcinogenic effect.
 R43 May cause sensitisation by skin contact.

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.