



## SAFETY DATA SHEET

### Hardening Compound

#### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME	Hardening Compound
PRODUCT NO.	530029
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

#### 3 HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation.

#### 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 (CO<sub>2</sub>).

#### 6 ACCIDENTAL RELEASE MEASURES

##### 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 dry, cool and well-ventilated place. Keep in original container.

## Hardening Compound

### STORAGE CLASS

Toxic storage.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

### INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

### PROTECTIVE EQUIPMENT



### ENGINEERING MEASURES

Well-ventilated area.

### 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	Powder, dust
COLOUR	Beige.
ODOUR	Pungent
SOLUBILITY	Insoluble in water
FLASH POINT (°C)	>62 CC (Closed cup).

## 10 STABILITY AND REACTIVITY

### STABILITY

Stable under normal temperature conditions.

### CONDITIONS TO AVOID

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

## 11 TOXICOLOGICAL INFORMATION

### INHALATION

Harmful 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

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

### SKIN CONTACT

Harmful in contact with skin. Irritating to skin. May cause sensitisation by skin contact. Prolonged contact may cause dryness of the skin.

### EYE CONTACT

Irritating to eyes. Risk of serious damage to eyes.

### 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.

## Hardening Compound

**MEDICAL CONSIDERATIONS**

Allergies. Skin disorders and allergies. History of smoking.

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**12 ECOLOGICAL INFORMATION**

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**ECOTOXICITY**

Not known.

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**13 DISPOSAL CONSIDERATIONS**

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**DISPOSAL METHODS**

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

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**14 TRANSPORT INFORMATION**

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	No transport warning sign required.		
ADR CLASS	Not classified for transportation.	MARINE POLLUTANT	No.

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**15 REGULATORY INFORMATION**

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**RISK PHRASES**

NC Not classified.

**SAFETY PHRASES**

NC Not classified.

**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/EC.

**STATUTORY INSTRUMENTS**

Chemicals (Hazard Information and Packaging) Regulations.

**APPROVED CODE OF PRACTICE**

Classification and Labelling of Substances and Preparations Dangerous for Supply.

**GUIDANCE NOTES**

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

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**16 OTHER INFORMATION**

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**INFORMATION SOURCES**

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

REVISION DATE May 2007

**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.