

SAFETY DATA SHEET

High Temp Retaining Compound

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

PRODUCT NAME High Temp Retaining Compound
 PRODUCT NO. 64050A, 64025A
 SUPPLIER Permatex Europe
 Unit 3 Shipton Way
 Express Business Park
 Northampton Road, Rushden
 Northants
 NN10 6GL
 +44 (0)870 458 9686
 enquiries@permatex.eu

2 HAZARDS IDENTIFICATION

Harmful by inhalation. Risk of serious damage to eyes. Irritating to respiratory system and skin. May cause sensitisation by skin contact.

CLASSIFICATION Xn;R20. Xi;R37/38, R41. R43.

3 COMPOSITION/INFORMATION ON INGREDIENTS

| Name | EC No. | CAS-No. | Content | Classification |
|------------------------------|-----------|------------|---------|---|
| ACRYLIC ACID | 201-177-9 | 79-10-7 | 1-5% | R10 C;R35 Xn;R20/21/22 N;R50 |
| CUMENE HYDROPEROXIDE | 201-254-7 | 80-15-9 | 1-5% | O;R7 T;R23 C;R34 Xn;R21/22,R48/20/22 N;R51/53 |
| HYDROXYALKYL METHACRYLATE | 248-666-3 | 27813-02-1 | 30-60% | Xi;R36. R43. |
| N,N-DIETHYL-p-TOLUIDINE | 210-345-0 | 613-48-9 | < 1% | T;R23/24/25. R33. |
| N,N-DIMETHYL-ORTHO-TOLUIDINE | 210-199-8 | 609-72-3 | < 1% | T;R23/24/25 R33 R52/53 |

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

4 FIRST-AID MEASURES

GENERAL INFORMATION

In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).

INHALATION

Remove victim immediately from source of exposure. Move into fresh air and keep at rest. Get medical attention if any discomfort continues. For breathing difficulties oxygen may be necessary. Get medical attention.

INGESTION

If swallowed, seek medical advice immediately and show this container or label. DO NOT induce vomiting. Get medical attention immediately.

SKIN CONTACT

Remove contaminated clothing immediately and wash skin with soap and water. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing.

EYE CONTACT

Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Contact physician if discomfort continues.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Fire can be extinguished using: Carbon dioxide (CO2). Dry chemicals. Foam.

UNUSUAL FIRE & EXPLOSION HAZARDS

No unusual fire or explosion hazards noted.

High Temp Retaining Compound

PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Follow precautions for safe handling described in this safety data sheet. Avoid inhalation of vapours and contact with skin and eyes.

ENVIRONMENTAL PRECAUTIONS

Do not allow ANY environmental contamination.

SPILL CLEAN UP METHODS

Provide ventilation and confine spill. Do not allow runoff to sewer. Absorb spillage with non-combustible, absorbent material. Collect in containers and seal securely.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid inhalation of vapours/spray and contact with skin and eyes. Do not eat, drink or smoke when using the product.

STORAGE PRECAUTIONS

Store in a cool place.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

| Name | Std | TWA - 8 hrs | | STEL - 15 min | | Notes |
|--------------|-----|-------------|----------------------|---------------|----------------------|-------|
| | | | | | | |
| ACRYLIC ACID | OES | 10 ppm | 30 mg/m ³ | 20 ppm | 60 mg/m ³ | |

PROCESS CONDITIONS

Provide eyewash, quick drench.

ENGINEERING MEASURES

Provide adequate ventilation.

RESPIRATORY EQUIPMENT

In case of inadequate ventilation use suitable respirator.

HAND PROTECTION

Protective gloves are recommended. Use protective gloves made of: Rubber or plastic.

EYE PROTECTION

Use eye protection.

HYGIENE MEASURES

When using do not eat, drink or smoke. Wash hands after handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|------------------------|----------------|---------------------------------|--------------|
| APPEARANCE | Liquid | RELATIVE DENSITY | 1.1 |
| COLOUR | Green | VAPOUR PRESSURE | <10 mm Hg 25 |
| ODOUR | Characteristic | VOLATILE ORGANIC COMPOUND (VOC) | <2% |
| BOILING POINT (°C) | >150 | | |
| VAPOUR DENSITY (air=1) | >1 | | |
| FLASH POINT (°C) | >95 | | |

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

High Temp Retaining Compound

CONDITIONS TO AVOID

Avoid heat.

MATERIALS TO AVOID

Strong oxidising substances. Inert gas.

HAZARDOUS DECOMPOSITION PRODUCTS

Oxides of: Carbon.

11 TOXICOLOGICAL INFORMATION

INHALATION

Vapours may irritate throat and respiratory system and cause coughing.

INGESTION

Harmful if swallowed. May cause discomfort if swallowed.

SKIN CONTACT

Irritating to skin. Prolonged contact may cause redness, irritation and dry skin. May cause sensitisation by skin contact.

EYE CONTACT

Irritating and may cause redness and pain.

HEALTH WARNINGS

Risk of sensitisation or allergic reactions among sensitive individuals.

ROUTE OF ENTRY

Inhalation. Ingestion. Skin and/or eye contact.

TARGET ORGANS

Eyes. Gastro-intestinal tract. Respiratory system, lungs. Skin.

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

GENERAL

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

No transport warning sign required.

MARINE POLLUTANT

No.

15 REGULATORY INFORMATION

LABELLING



Harmful

CONTAINS

HYDROXYALKYL METHACRYLATE

RISK PHRASES

R20

Harmful by inhalation.

R37/38

Irritating to respiratory system and skin.

High Temp Retaining Compound

- R41 Risk of serious damage to eyes.
- R43 May cause sensitisation by skin contact.

SAFETY PHRASES

- S24/25 Avoid contact with skin and eyes.
- S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- S37/39 Wear suitable gloves and eye/face protection.
- S51 Use only in well-ventilated areas.

16 OTHER INFORMATION

REVISION DATE 13/08/2009

REV. NO./REPL. SDS GENERATED 2

RISK PHRASES IN FULL

- R10 Flammable.
- R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
- R21/22 Harmful in contact with skin and if swallowed.
- R23 Toxic by inhalation.
- R23/24/25 Toxic by inhalation, in contact with skin and if swallowed.
- R33 Danger of cumulative effects.
- R34 Causes burns.
- R35 Causes severe burns.
- R36 Irritating to eyes.
- R37 Irritating to respiratory system.
- R43 May cause sensitisation by skin contact.
- R48/20/22 Harmful: danger of serious damage to health by prolonged exposure through inhalation and if swallowed.
- R50 Very toxic to aquatic organisms.
- R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R7 May cause fire.

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.