

SAFETY DATA SHEET

Medium Strength Threadlocker Blue

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

PRODUCT NAME Medium Strength Threadlocker Blue
 PRODUCT NO. 242102, 24250A, 24225A
 SUPPLIER Permatex Europe
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2 HAZARDS IDENTIFICATION

Irritating to eyes, respiratory system and skin.

CLASSIFICATION Xi;R36/37/38.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
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
polyglycol dimethacrylate		25852-47-5	60-100%	Xi;R36/37/38.
POLYGLYCOL OLEATE		9004-96-0	10-30%	Xi;R38.
TITANIUM DIOXIDE	236-675-5	13463-67-7	< 1%	-

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

4 FIRST-AID MEASURES

INHALATION

Remove victim immediately from source of exposure. Move into fresh air and keep at rest. Get medical attention if any discomfort continues.

INGESTION

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. Get medical attention if any discomfort continues.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

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

SPECIAL FIRE FIGHTING PROCEDURES

Use cold water spray to cool fire exposed containers to minimise risk of rupture.

PROTECTIVE MEASURES IN FIRE

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

6 ACCIDENTAL RELEASE MEASURES

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PERSONAL PRECAUTIONS

Warn everybody of potential hazards and evacuate if necessary.

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.

STORAGE PRECAUTIONS

Store at moderate temperatures in dry, well ventilated area. Keep containers tightly closed. Avoid: Water, moisture.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs	STEL - 15 min	Notes
TITANIUM DIOXIDE		10 mg/m3 total dust		

PROCESS CONDITIONS

Provide eyewash, quick drench.

ENGINEERING MEASURES

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined workplace exposure limit is not exceeded.

RESPIRATORY EQUIPMENT

In case of inadequate ventilation and work of brief duration, use suitable respiratory equipment.

HAND PROTECTION

Use protective gloves. Use protective gloves made of: Rubber or plastic.

EYE PROTECTION

Wear splash-proof eye goggles to prevent any possibility of eye contact.

HYGIENE MEASURES

Wash at the end of each work shift and before eating, smoking and using the toilet.

SKIN PROTECTION

Wear apron or protective clothing in case of contact.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid	RELATIVE DENSITY	1.1
COLOUR	Blue	VOLATILE ORGANIC COMPOUND (VOC)	<2% by weight
ODOUR	Mild		
SOLUBILITY	Not soluble in water.		
BOILING POINT (°C)	>149		
VAPOUR DENSITY (air=1)	>1		

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID

Avoid exposing to heat and contact with strong oxidising substances.

HAZARDOUS POLYMERISATION

May polymerise.

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MATERIALS TO AVOID

Strong oxidising substances. Strong reducing agents. Peroxides Inert gas.

HAZARDOUS DECOMPOSITION PRODUCTS

Oxides of: Carbon.

11 TOXICOLOGICAL INFORMATION

INHALATION

Irritating to respiratory system. The product causes irritation of mucous membranes and may cause abdominal discomfort if swallowed.

INGESTION

Irritating. May cause nausea, stomach pain and vomiting. CNS depressant.

SKIN CONTACT

Prolonged and frequent contact may cause redness and irritation. Risk of sensitisation or allergic reactions among sensitive individuals.

EYE CONTACT

Irritating to eyes. Irritating and may cause redness and pain.

ROUTE OF ENTRY

Inhalation. Ingestion. Skin and/or eye contact.

MEDICAL SYMPTOMS

May cause allergic skin disorders in sensitive individuals. Irritating. May be absorbed in the body and cause dizziness, nausea and vomiting.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

There are no data on the ecotoxicity of this product.

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



Irritant

RISK PHRASES

R36/37/38 Irritating to eyes, respiratory system and skin.

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 Wear suitable gloves.
 S51 Use only in well-ventilated areas.

Medium Strength Threadlocker Blue**16 OTHER INFORMATION**

REVISION DATE 12/08/2009

REV. NO./REPL. SDS GENERATED 2

RISK PHRASES IN FULL

NC	Not classified.
R21/22	Harmful in contact with skin and if swallowed.
R23	Toxic by inhalation.
R34	Causes burns.
R36/37/38	Irritating to eyes, respiratory system and skin.
R37	Irritating to respiratory system.
R38	Irritating to skin.
R48/20/22	Harmful: danger of serious damage to health by prolonged exposure through inhalation and if swallowed.
R51/53	Toxic 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.