	SAFETY DATA SHEET	Page : 1 / 8
		Revised edition no : 0
		Date : 14 / 1 / 2011
MOLDING-PUR-40-B		Supersedes : 0 / 0 / 0
MOLDING-PUR-40-B		330-2-1-B

1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name : MOLDING-PUR-40-B
Product code : 330-2-1-B

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use : Two Components 1/1 Mixing Ratio, Cold Cast Elastomer, for Molding and Casting Applications

1.3. Details of the supplier of the safety data sheet

Company identification : ALCHIMICA S.A.
13, ORIZOMILON STR.
Tel: +30-210/569-1336, Fax: +30-210-5619287
122 44 EGALEO - ATHENS GREECE
alchimica@alchimica.com

1.4. Emergency telephone number

Phone nr : +30-210/569-1336 [Business hours only]

2. Hazards identification

2.1. Classification of the substance or mixture

Classification EC 67/548 or EC 1999/45

Classification : R43
N; R51-53

Hazard Class and Category Code Regulation EC 1272/2008 (CLP)

Health hazards : Skin sensitisation - Category 1 - Warning (CLP : Skin Sens. 1) H317
Environmental hazards : Hazardous to the aquatic environment - Chronic hazard - Category 2 (CLP : Aquatic Chronic 2) H411

2.2. Label elements


Labelling EC 67/548 or EC 1999/45

Symbol(s)



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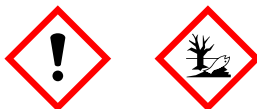
	SAFETY DATA SHEET	Page : 2 / 8
		Revised edition no : 0
		Date : 14 / 1 / 2011
		Supersedes : 0 / 0 / 0
MOLDING-PUR-40-B		330-2-1-B

2. Hazards identification (continued)

Symbol(s)	: Xi : Irritant N : Dangerous for the environment
R Phrase(s)	: R43 : May cause sensitization by skin contact. R51/53 : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
S Phrase(s)	: S2 : Keep out of the reach of children. S24 : Avoid contact with skin. S37 : Wear suitable gloves. S46 : If swallowed seek medical advice immediately and show this container or label. S60 : This material and its container must be disposed of as hazardous waste. S61 : Avoid release to the environment. Refer to special instructions/Safety data sheets.
Contains	: 6-methyl-2,4-bis(methylthio)phenylene-1,3-diamine

Labelling Regulation EC 1272/2008 (CLP)

Hazard pictograms




Signal words	: Warning
Hazard statements	: H317 : May cause an allergic skin reaction. H411 : Toxic to aquatic life with long lasting effects.
Precautionary statements	
• General	: P101: If medical advice is needed, have product container or label at hand. P102: Keep out of reach of children. P103: Read label before use.
• Prevention	: P280: Wear protective gloves. P261: Avoid breathing dust, fume, gas, mist, vapours, spray. P272: Contaminated work clothing should not be allowed out of the workplace. P273: Avoid release to the environment.
• Response	: P302+P352: IF ON SKIN : Wash with plenty of soap and water. P333+P313: If skin irritation or rash occurs : Get medical advice. Wash contaminated clothing before reuse. P391: Collect spillage.
• Disposal considerations	: P501: Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
Contains	: 6-methyl-2,4-bis(methylthio)phenylene-1,3-diamine

2.3. Other hazards

None under normal conditions.

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	SAFETY DATA SHEET	Page : 3 / 8
		Revised edition no : 0
		Date : 14 / 1 / 2011
		Supersedes : 0 / 0 / 0
MOLDING-PUR-40-B		330-2-1-B

3. Composition/information on ingredients

Substance / Preparation : Preparation.
Hazardous component(s) : This product is hazardous.

Substance name	Contents	CAS No	EC No	Annex No	REACH Ref.	Classification
6-methyl-2,4-bis(methylthio) phenylene-1,3-diamine	< 8 %	106264-79-3	403-240-8	612-113-00-8	----	Xn: R22 R43 N: R50-53 Acute Tox. 4 (oral) _ H302 Skin Sens. 1 _ H317 Aquatic Acute 1 _ H400 Aquatic Chronic 1 _ H410

4. First aid measures

4.1. Description of first aid measures

Inhalation : Assure fresh air breathing. Allow the victim to rest.
Skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
Eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
Ingestion : Do not induce vomiting.
Obtain emergency medical attention.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms relating to use : Not expected to present a significant hazard under anticipated conditions of normal use.

4.3. Indication of any immediate medical attention and special treatment needed

General information : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

5. Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media : Foam. Water spray. Dry powder. Carbon dioxide. Sand.
Unsuitable extinguishing media : Do not use a heavy water stream.
Surrounding fires : Use water spray or fog for cooling exposed containers.

5.2. Special hazards arising from the substance or mixture


Hazardous combustion products : Under fire conditions, hazardous fumes will be present.

5.3. Advice for fire-fighters

Protection against fire : Do not enter fire area without proper protective equipment, including respiratory protection.

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	SAFETY DATA SHEET	Page : 4 / 8
		Revised edition no : 0
		Date : 14 / 1 / 2011
		Supersedes : 0 / 0 / 0
MOLDING-PUR-40-B		330-2-1-B

5. Fire-fighting measures (continued)

Special procedures : Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For emergency responders : Equip cleanup crew with proper protection. Ventilate area.

6.2. Environmental precautions

Environmental precautions : Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Clean up methods : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spills and put it into appropriated container.

6.4. Reference to other sections

See section 8. Exposure controls/personal protection

7. Handling and storage

7.1. Precautions for safe handling

Technical protective measures : Provide good ventilation in process area to prevent formation of vapour.
Handling : Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

Storage : Keep only in the original container in a cool, well ventilated place. Keep container closed when not in use.
Storage - away from : Strong bases. Strong acids. Sources of ignition. Direct sunlight.

7.3. Specific end use(s)


Specific end use(s) : None.

8. Exposure controls/personal protection

8.1. Exposure controls

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	SAFETY DATA SHEET	Page : 5 / 8
		Revised edition no : 0
		Date : 14 / 1 / 2011
		Supersedes : 0 / 0 / 0
MOLDING-PUR-40-B		330-2-1-B

8. Exposure controls/personal protection (continued)

Personal protection



Personal protection

- **Respiratory protection** : Avoid all unnecessary exposure.
- **Hand protection** : Where excessive vapour may result, wear approved mask.
- **Eye protection** : In case of repeated or prolonged contact wear gloves. Wear protective gloves.
- **Others** : Chemical goggles or safety glasses.
- **Others** : When using, do not eat, drink or smoke.

8.2. Control parameters


9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid.
Colour	: Green.
Odour	: Characteristic.
Odour threshold	: No data available.
pH value	: No data available.
Melting point [°C]	: No data available.
Decomposition point [°C]	: No data available.
Critical temperature [°C]	: No data available.
Auto-ignition temperature [°C]	: No data available.
Flammability (solid, gas)	: No data available.
Flash point [°C]	: >100
Initial boiling point [°C]	: No data available.
Final boiling point [°C]	: No data available.
Evaporation rate	: No data available.
Acid/alkali reserve [g NaOH/100g]	: No data available.
Explosion limits - lower [%]	: No data available.
Explosion limits - upper [%]	: No data available.
Vapour pressure mm/Hg	: No data available.
Vapour density	: No data available.
Density [g/cm ³]	: 1.02-1.04
Solubility in water [% weight]	: No data available.
Solubility in water	: Insoluble.
Log Pow octanol / water at 20°C	: No data available.
Solubility	: Organic solvents.

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	SAFETY DATA SHEET	Page : 6 / 8
		Revised edition no : 0
		Date : 14 / 1 / 2011
		Supersedes : 0 / 0 / 0
MOLDING-PUR-40-B		330-2-1-B

9. Physical and chemical properties (continued)

Viscosity at 20°C [mPa.s] : 500

9.2. Other information

Explosive properties : No data available.

Oxidising properties : No data available.

10. Stability and reactivity

10.1. Reactivity

Reactivity : Not established.

10.2. Chemical stability

Chemical stability : Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions : Not established.

10.4. Conditions to avoid

Conditions to avoid : Extremely high or low temperatures. Direct sunlight.

10.5. Incompatible materials

Materials to avoid : Strong acids. Strong bases.

10.6. Hazardous decomposition products

Hazardous decomposition products : Fumes.

11. Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not established.

Corrosion : Not established.

Irritation : Not established.

Sensitization : May cause an allergic skin reaction.

Mutagenicity : Not established.


Carcinogenicity : Not established.

Toxic for reproduction : Not established.

STOT-single exposure : Not established.

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	SAFETY DATA SHEET	Page : 7 / 8
		Revised edition no : 0
		Date : 14 / 1 / 2011
		Supersedes : 0 / 0 / 0
MOLDING-PUR-40-B		330-2-1-B

11. Toxicological information (continued)

STOT-repeated exposure : Not established.
 Aspiration hazard : Not established.

12. Ecological information

12.1. Toxicity

Toxicity information : Toxic to aquatic life with long lasting effects.

12.2. Persistence - degradability

Persistence - degradability : May cause long-term adverse effects in the environment.

12.3. Bioaccumulative potential

Bioaccumulative potential : Not established.

12.4. Mobility in soil

Log Pow octanol / water at 20°C : No data available.
 Mobility in soil : Not established.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment : Not applicable.

12.6. Other adverse effects

Environmental precautions : Avoid release to the environment.

13. Disposal considerations

13.1. Waste treatment methods

General : Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations.

14. Transport information


14.1. Land transport (ADR-RID)

General information : Not regulated.

14.2. Sea transport (IMDG) [English only]

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	SAFETY DATA SHEET	Page : 8 / 8
		Revised edition no : 0
		Date : 14 / 1 / 2011
		Supersedes : 0 / 0 / 0
MOLDING-PUR-40-B		330-2-1-B

14. Transport information (continued)

General information : Not regulated.

14.3. Air transport (ICAO-IATA) [English only]

General information : Not regulated.

15. Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Safety, health and environmental regulations/legislation specific for the substance or mixture : Ensure all national/local regulations are observed.

15.2. Chemical Safety Assessment

Chemical Safety Assessment : It has not been carried out.

16. Other information

Revision : Revision - See : *

Abbreviations and acronyms : Not applicable.

Sources of key data used : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

List of relevant R phrases (heading 3) : R22 : Harmful if swallowed.
R43 : May cause sensitization by skin contact.
R50/53 : Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

List of full text of H-statements in section 3 : H317 : May cause an allergic skin reaction.
H411 : Toxic to aquatic life with long lasting effects.

Further information : None.

In accordance with REACH Regulation (CE) N° 1907/2006 and with CLP Regulation (CE) N° 1272/2008

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ALCHIMICA S.A.

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