



## SAFETY DATA SHEET

### PRO-458 Gel Wallpaper & Paste Remover

According to Appendix D, OSHA Hazard Communication Standard 29 CFR §1910.1200

#### 1. Identification

##### Product identifier

**Product name** PRO-458 Gel Wallpaper & Paste Remover

##### Recommended use of the chemical and restrictions on use

**Application** Adhesive Remover.

**Uses advised against** Use only for intended applications.

##### Details of the supplier of the safety data sheet

**Supplier** Roman Products, LLC  
824 State Street  
Calumet City, IL  
60409  
United States  
Tel: 708-891-0770  
Fax: 708-891-4746  
technicalhelp@romandec.com

##### Emergency telephone number

**Emergency telephone** Tel: 708-891-0770

#### 2. Hazard(s) identification

##### Classification of the substance or mixture

**OSHA Regulatory Status** This Product is Not Hazardous under the OSHA Hazard Communication Standard.

**Physical hazards** Not Classified

**Health hazards** Not Classified

**Environmental hazards** Aquatic Acute 3 - H402 Aquatic Chronic 3 - H412

##### Label elements

**Hazard statements** H412 Harmful to aquatic life with long lasting effects.

**Precautionary statements** P273 Avoid release to the environment.  
P501 Dispose of contents/ container in accordance with national regulations.

##### Other hazards

None known.

#### 3. Composition/information on ingredients

##### Mixtures

## PRO-458 Gel Wallpaper & Paste Remover

<b>Triethanolamine</b> CAS number: 102-71-6 Substance with National workplace exposure limits.	<b>0.25 - &lt;0.5%</b>
<b>Classification</b> Not Classified	

The full text for all hazard statements is displayed in Section 16.

**Ingredient notes**                      The exact percentage/concentration is withheld as a trade secret in accordance with 29 CFR 1910.1200.

### 4. First-aid measures

#### Description of first aid measures

<b>General information</b>	Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical personnel.
<b>Inhalation</b>	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Loosen tight clothing such as collar, tie or belt. Get medical attention if symptoms are severe or persist.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Get medical advice/attention if you feel unwell. Do not induce vomiting unless under the direction of medical personnel.
<b>Skin Contact</b>	It is important to remove the substance from the skin immediately. Remove contamination with soap and water or recognized skin cleansing agent. In the event of any sensitization symptoms developing, ensure further exposure is avoided. Get medical attention if symptoms are severe or persist after washing.
<b>Eye contact</b>	Remove any contact lenses and open eyelids wide apart. Rinse with water. Get medical attention if any discomfort continues.
<b>Protection of first aiders</b>	First aid personnel should wear appropriate protective equipment during any rescue.

#### Most important symptoms and effects, both acute and delayed

<b>General information</b>	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
<b>Inhalation</b>	No specific symptoms known.
<b>Ingestion</b>	No specific symptoms known. May cause discomfort if swallowed.
<b>Skin contact</b>	May be slightly irritating to skin. The product contains a small amount of sensitizing substance. May cause skin sensitization or allergic reactions in sensitive individuals.
<b>Eye contact</b>	May be slightly irritating to eyes.

#### Indication of immediate medical attention and special treatment needed

**Notes for the doctor**                      Treat symptomatically.

### 5. Fire-fighting measures

#### Extinguishing media

<b>Suitable extinguishing media</b>	Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.

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### Special hazards arising from the substance or mixture

<b>Specific hazards</b>	Containers can burst violently or explode when heated, due to excessive pressure build-up.
<b>Hazardous combustion products</b>	Thermal decomposition or combustion products may include the following substances: Harmful gases or vapors. Oxides of carbon. Oxides of nitrogen.
<b><u>Advice for firefighters</u></b>	
<b>Protective actions during firefighting</b>	Avoid breathing fire gases or vapors. Evacuate area. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. If a leak or spill has not ignited, use water spray to disperse vapors and protect men stopping the leak. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.
<b>Special protective equipment for firefighters</b>	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Standard Firefighter's clothing including helmets, protective boots and gloves will provide a basic level of protection for chemical incidents.

### **6. Accidental release measures**

#### **Personal precautions, protective equipment and emergency procedures**

<b>Personal precautions</b>	Evacuate area. Keep unnecessary and unprotected personnel away from the spillage. Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with skin, eyes and clothing. Avoid inhalation of vapors. Do not touch or walk into spilled material.
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#### **Environmental precautions**

<b>Environmental precautions</b>	Avoid discharge into drains or watercourses or onto the ground.
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#### **Methods and material for containment and cleaning up**

<b>Methods for cleaning up</b>	Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. Small Spillages: Wipe up with an absorbent cloth and dispose of waste safely. Large Spillages: Contain and absorb spillage with sand, earth or other non-combustible material. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. The contaminated absorbent may pose the same hazard as the spilled material. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. For waste disposal, see Section 13.
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<b>Reference to other sections</b>	For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.
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### **7. Handling and storage**

#### **Precautions for safe handling**

<b>Usage precautions</b>	Read and follow manufacturer's recommendations. Do not handle until all safety precautions have been read and understood. Keep out of the reach of children. Keep away from food, drink and animal feeding stuffs. Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with skin, eyes and clothing. Use only in well-ventilated areas. Use only when the room temperature is above: 60-70 °F. Handle all packages and containers carefully to minimize spills. Keep container tightly sealed when not in use. Avoid the formation of mists. Do not handle broken packages without protective equipment. Do not reuse empty containers.
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<b>Advice on general occupational hygiene</b>	Wash promptly if skin becomes contaminated. Take off contaminated clothing and wash before reuse. Wash contaminated clothing before reuse.
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### Conditions for safe storage, including any incompatibilities

**Storage precautions**                      Store away from incompatible materials (see Section 10). Keep out of the reach of children. Keep away from food, drink and animal feeding stuffs. Store in tightly-closed, original container in a dry and cool place. Do not freeze. Keep containers upright. Protect containers from damage.

### Specific end uses(s)

**Specific end use(s)**                      The identified uses for this product are detailed in Section 1.

## 8. Exposure controls/Personal protection

### Control parameters

### Occupational exposure limits

#### Triethanolamine

Long-term exposure limit (8-hour TWA): ACGIH 5 mg/m<sup>3</sup>

ACGIH = American Conference of Governmental Industrial Hygienists.

**Ingredient comments**                      The product contains no other substances classified as hazardous to health by an OEL value in concentrations which should be taken into account.

### Exposure controls

**Appropriate engineering controls**                      Provide adequate ventilation.

**Eye/face protection**                      Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Wear chemical splash goggles. Personal protective equipment for eye and face protection should comply with OSHA 1910.133.

**Hand protection**                      Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. To protect hands from chemicals, gloves should comply with OSHA 1910.138 and be demonstrated to be impervious to the chemical and resist degradation. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected.

**Other skin and body protection**                      Wear appropriate clothing to prevent skin contamination.

**Hygiene measures**                      Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse.

**Respiratory protection**                      No specific recommendations. Provide adequate ventilation. Large Spillages: If ventilation is inadequate, suitable respiratory protection must be worn. Ensure all respiratory protective equipment is suitable for its intended use and is NIOSH approved.

**Environmental exposure controls**                      Keep container tightly sealed when not in use. Avoid release to the environment.

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

**Appearance**                      Liquid.

**Color**                      Clear.

**Odor**                      Fresh.

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<b>Odor threshold</b>	No data available.
<b>pH</b>	7.0
<b>Melting point</b>	0°C/32°F
<b>Initial boiling point and range</b>	100°C/212°F
<b>Flash point</b>	No data available.
<b>Evaporation rate</b>	No data available.
<b>Flammability (solid, gas)</b>	No data available.
<b>Upper/lower flammability or explosive limits</b>	No data available.
<b>Vapor pressure</b>	No data available.
<b>Vapor density</b>	No data available.
<b>Relative density</b>	1.0
<b>Solubility(ies)</b>	Miscible with water.
<b>Partition coefficient</b>	No data available.
<b>Auto-ignition temperature</b>	No data available.
<b>Decomposition Temperature</b>	No data available.
<b>Viscosity</b>	2500 cP
<b>Explosive properties</b>	No data available.
<b>Oxidizing properties</b>	No data available.
<b>Volatile organic compound</b>	0.36%

### 10. Stability and reactivity

<b>Reactivity</b>	See the other subsections of this section for further details.
<b>Stability</b>	Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.
<b>Possibility of hazardous reactions</b>	No potentially hazardous reactions known.
<b>Conditions to avoid</b>	Avoid freezing. Avoid exposure to high temperatures or direct sunlight.
<b>Materials to avoid</b>	Do not mix with other chemicals. Avoid contact with acids and alkalis.
<b>Hazardous decomposition products</b>	Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapors. Oxides of carbon. Oxides of nitrogen.

### 11. Toxicological information

#### Information on toxicological effects

#### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** Based on available data the classification criteria are not met.

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### Acute toxicity - dermal

#### Notes (dermal LD<sub>50</sub>)

Based on available data the classification criteria are not met.

### Acute toxicity - inhalation

#### Notes (inhalation LC<sub>50</sub>)

Based on available data the classification criteria are not met.

### Skin corrosion/irritation

#### Animal data

Based on available data the classification criteria are not met.

### Serious eye damage/irritation

#### Serious eye damage/irritation

Based on available data the classification criteria are not met.

### Respiratory sensitization

#### Respiratory sensitization

Based on available data the classification criteria are not met.

### Skin sensitization

#### Summary

The product contains a small amount of sensitizing substance. May cause skin sensitization or allergic reactions in sensitive individuals.

#### Skin sensitization

Based on available data the classification criteria are not met.

### Germ cell mutagenicity

#### Genotoxicity - in vitro

Based on available data the classification criteria are not met.

### Carcinogenicity

#### Carcinogenicity

Based on available data the classification criteria are not met.

#### IARC carcinogenicity

Contains a substance/a group of substances which may cause cancer. IARC Group 1  
Carcinogenic to humans.

### Reproductive toxicity

#### Reproductive toxicity - fertility

Based on available data the classification criteria are not met.

#### Reproductive toxicity - development

Based on available data the classification criteria are not met.

### Specific target organ toxicity - single exposure

#### STOT - single exposure

Not classified as a specific target organ toxicant after a single exposure.

### Specific target organ toxicity - repeated exposure

#### STOT - repeated exposure

Not classified as a specific target organ toxicant after repeated exposure.

### Aspiration hazard

#### Aspiration hazard

Based on available data the classification criteria are not met.

### General information

The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

#### Inhalation

No specific symptoms known.

#### Ingestion

No specific symptoms known. May cause discomfort if swallowed.

#### Skin Contact

May be slightly irritating to skin. The product contains a small amount of sensitizing substance. May cause skin sensitization or allergic reactions in sensitive individuals.

#### Eye contact

May be slightly irritating to eyes.

#### Route of exposure

Ingestion Inhalation Skin and/or eye contact

#### Target Organs

No specific target organs known.

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**Medical considerations**      Skin disorders and allergies.

### 12. Ecological information

**Toxicity**      Harmful to aquatic life with long lasting effects.

#### Ecological information on ingredients.

##### 3-Iodo-2-propynyl butylcarbamate

<b>Toxicity</b>	Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410 Very toxic to aquatic life with long lasting effects.
<b><u>Acute aquatic toxicity</u></b>	
<b>LE(C)<sub>50</sub></b>	0.01 < L(E)C <sub>50</sub> ≤ 0.1
<b>M factor (Acute)</b>	10
<b>Acute toxicity - aquatic invertebrates</b>	LC <sub>50</sub> , 48 hours: 0.645 ppm, Daphnia magna
<b>Acute toxicity - aquatic plants</b>	EC <sub>50</sub> , 72 hours: 0.022 mg/l, Desmodium subspicatus
<b><u>Chronic aquatic toxicity</u></b>	
<b>NOEC</b>	0.001 < NOEC ≤ 0.01
<b>Degradability</b>	Rapidly degradable
<b>M factor (Chronic)</b>	1
<b>Chronic toxicity - fish early life stage</b>	NOEC, 35 days: 0.0084 mg/l, Pimephales promelas (Fat-head Minnow)
<b>Chronic toxicity - aquatic invertebrates</b>	NOEC, 21 days: 0.0499 mg/l, Daphnia magna

#### Persistence and degradability

**Persistence and degradability**      The degradability of the product is not known.

#### Ecological information on ingredients.

##### 3-Iodo-2-propynyl butylcarbamate

<b>Persistence and degradability</b>	The product is readily biodegradable.
<b>Stability (hydrolysis)</b>	pH7 - Half-life : 139 days @ 25°C
<b>Biodegradation</b>	Water - DT <sub>50</sub> : 3.3 hours

#### Bioaccumulative potential

**Bio-Accumulative Potential**      No data available on bioaccumulation.

**Partition coefficient**      No data available.

#### Ecological information on ingredients.

##### 3-Iodo-2-propynyl butylcarbamate

**Bio-Accumulative Potential**      log Kow: 2.81, Fish Estimated value.

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Partition coefficient                      log Pow: 2.81

### Mobility in soil

**Mobility**                                      The product is water-soluble and may spread in water systems.

### Ecological information on ingredients.

#### 3-Iodo-2-propynyl butylcarbamate

**Mobility**                                      Mobile.

**Adsorption/desorption coefficient**                      Soil - Koc: 61 - 309 @ 22°C

### Other adverse effects

**Other adverse effects**                      None known.

## **13. Disposal considerations**

### Waste treatment methods

**General information**                      The generation of waste should be minimized or avoided wherever possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Empty containers or liners may retain some product residues and hence be potentially hazardous.

**Disposal methods**                              Do not empty into drains. Dispose of contents/container in accordance with national regulations.

## **14. Transport information**

**General**    The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DOT).

### UN Number

**UN No. (International)**                      Not applicable.

**UN No. (DOT)**                                      Not applicable.

### UN proper shipping name

**Proper shipping name (International)**                      Not applicable.

**Proper shipping name (DOT)**                      Not applicable.

### Transport hazard class(es)

**Transport Labels (International)**                      No transport warning sign required.

**DOT transport labels**  
No transport warning sign required.

### Packing group

**Packing group (International)**                      Not applicable.

**DOT packing group**                              Not applicable.

### Environmental hazards



## PRO-458 Gel Wallpaper & Paste Remover

### Environmentally Hazardous Substance

No.

### Special precautions for user

Not applicable.

**DOT reportable quantity** Not applicable.

**DOT TIH Zone** Not applicable.

**Transport in bulk according to** Not applicable.

**Annex II of MARPOL 73/78  
and the IBC Code**

### 15. Regulatory information

#### US Federal Regulations

##### **SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities**

The following ingredients are listed:

##### *Ethylene oxide*

EPCRA 302 TPQ 1000 lbs Tier II TPQ 500 lbs

##### *Formaldehyde*

EPCRA 302 TPQ 500 lbs Tier II TPQ 500 lbs

##### *Methyloxirane*

EPCRA 302 TPQ 10000 lbs Tier II TPQ 500 lbs

##### **CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)**

The following ingredients are listed:

##### *Ethylene oxide*

Final CERCLA RQ: 10(4.54) pounds (Kilograms)

##### *1,4-dioxane*

Final CERCLA RQ: 100(45.4) pounds (Kilograms)

##### *Acetaldehyde*

Final CERCLA RQ: 1000(454) pounds (Kilograms)

##### *Formaldehyde*

Final CERCLA RQ: 100(45.4) pounds (Kilograms)

##### *2,2'-Iminodiethanol*

Final CERCLA RQ: 100(45.4) pounds (Kilograms)

##### *Methyloxirane*

Final CERCLA RQ: 100(45.4) pounds (Kilograms)

##### **SARA Extremely Hazardous Substances EPCRA Reportable Quantities**

None of the ingredients are listed.

##### **SARA 313 Emission Reporting**

The following ingredients are listed:

##### *3-Iodo-2-propynyl butylcarbamate*

1.0 %

##### *Ethylene oxide*

0.1 %

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*1,4-dioxane*

0.1 %

*Acetaldehyde*

0.1 %

*Formaldehyde*

0.1 %

*2,2'-Iminodiethanol*

1.0 %

*Methyloxirane*

0.1 %

### CAA Accidental Release Prevention

The following ingredients are listed:

*Ethylene oxide*

Threshold Quantity: 10000 lbs

*Acetaldehyde*

Threshold Quantity: 10000 lbs

*Formaldehyde*

Threshold Quantity: 15000 lbs

*Methyloxirane*

Threshold Quantity: 10000 lbs

### OSHA Highly Hazardous Chemicals

The following ingredients are listed:

*Ethylene oxide*

Threshold Quantity: 5000 lbs

*Acetaldehyde*

Threshold Quantity: 2500 lbs

*Formaldehyde*

Threshold Quantity: 1000 lbs

### US State Regulations

#### California Proposition 65 Carcinogens and Reproductive Toxins

The following ingredients are listed:

*Ethylene oxide*

Carcinogen, developmental toxin and reproductive toxin.

*1,4-dioxane*

Carcinogen.

*Acetaldehyde*

Carcinogen.

*Formaldehyde*

Carcinogen.

*2,2'-Iminodiethanol*

Carcinogen.

*Methyloxirane*

Carcinogen.

#### California Air Toxics "Hot Spots" (A-I)

The following ingredients are listed:

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*Ethylene oxide*

*1,4-dioxane*

*Acetaldehyde*

*Formaldehyde*

*2,2'-Iminodiethanol*

*Methyloxirane*

### **California Air Toxics "Hot Spots" (A-II)**

None of the ingredients are listed.

### **California Directors List of Hazardous Substances**

The following ingredients are listed:

*Ethylene oxide*

*1,4-dioxane*

*Acetaldehyde*

*Formaldehyde*

*2,2'-Iminodiethanol*

*Methyloxirane*

### **Massachusetts "Right To Know" List**

The following ingredients are listed:

*Kaolin*

*Ethylene oxide*

*1,4-dioxane*

*Acetaldehyde*

*Formaldehyde*

*Triethanolamine*

*2,2'-Iminodiethanol*

*Magnesium nitrate*

*Methyloxirane*

### **Rhode Island "Right To Know" List**

The following ingredients are listed:

*Kaolin*

*Ethylene oxide*

*1,4-dioxane*

*Acetaldehyde*

*Formaldehyde*

*Triethanolamine*

*2,2'-Iminodiethanol*

*Magnesium nitrate*

*Methyloxirane*

### **Minnesota "Right To Know" List**

The following ingredients are listed:

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*Kaolin*

*Ethylene oxide*

*1,4-dioxane*

*Acetaldehyde*

*Formaldehyde*

*Triethanolamine*

*2,2'-Iminodiethanol*

*Methyloxirane*

### **New Jersey "Right To Know" List**

The following ingredients are listed:

*Kaolin*

*3-Iodo-2-propynyl butylcarbamate*

*Ethylene oxide*

*1,4-dioxane*

*Acetaldehyde*

*Formaldehyde*

*Triethanolamine*

*2,2'-Iminodiethanol*

*Magnesium nitrate*

*Methyloxirane*

### **Pennsylvania "Right To Know" List**

The following ingredients are listed:

*Kaolin*

*Ethylene oxide*

*1,4-dioxane*

*Acetaldehyde*

*Formaldehyde*

*Triethanolamine*

*2,2'-Iminodiethanol*

*Magnesium nitrate*

*Methyloxirane*

### **Inventories**

#### **US - TSCA**

All the ingredients are listed or exempt.

#### **US - TSCA 12(b) Export Notification**

None of the ingredients are listed or exempt.

### **16. Other information**

## PRO-458 Gel Wallpaper & Paste Remover

<b>Abbreviations and acronyms used in the safety data sheet</b>	ATE: Acute Toxicity Estimate.
	IATA: International Air Transport Association.
	ICAO-TI: Technical Instructions for the Safe Transport of Dangerous Goods by Air.
	IMDG: International Maritime Dangerous Goods.
	LC <sub>50</sub> : Lethal Concentration to 50 % of a test population.
	LD <sub>50</sub> : Lethal Dose to 50% of a test population (Median Lethal Dose).
	PBT: Persistent, Bioaccumulative and Toxic substance.
	vPvB: Very Persistent and Very Bioaccumulative.
	MARPOL 73/78: International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978.
	BCF: Bioconcentration Factor.
	EC <sub>50</sub> : 50% of maximal Effective Concentration.
	NOEC: No Observed Effect Concentration.
	NOAEL: No Observed Adverse Effect Level.
<b>Training advice</b>	Read and follow manufacturer's recommendations.
<b>Revision comments</b>	This is the first issue.
<b>Revision date</b>	8/9/2018
<b>SDS No.</b>	7542
<b>Hazard statements in full</b>	H402 Harmful to aquatic life.
	H412 Harmful to aquatic life with long lasting effects.

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.