



## SAFETY DATA SHEET L-1080R White Pigmented Ink

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

**Product name** L-1080R White Pigmented Ink  
**Product number** 71002870  
**Container size** 6 x 1/2 Liter

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

**Identified uses** Printing ink.  
**Uses advised against** No specific uses advised against are identified.

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

**Supplier** Matthews Marking Systems  
 6515 Penn Avenue  
 Pittsburgh, PA 15206  
 412.665.2500  
 412.828.4545  
 info@matw.com

**Manufacturer** Matthews Marking Systems  
 101 Fairview Ave.  
 Pittsburgh, PA 15238

#### 1.4. Emergency telephone number

**Emergency telephone** Chemtrec US : 1-800-424-9300 Chemtrec World: 1-703-527-3887

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification

**Physical hazards** Flam. Liq. 2 - H225  
**Health hazards** Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Elicitation - EUH208 STOT SE 3 - H336  
**Environmental hazards** Not Classified

**Classification (67/548/EEC or 1999/45/EC)** F; R11. Xi; R41, R38. R67

#### 2.2. Label elements

##### Pictogram



**Signal word**

Danger

## L-1080R White Pigmented Ink

<b>Hazard statements</b>	H225 Highly flammable liquid and vapour. H315 Causes skin irritation. H318 Causes serious eye damage. H336 May cause drowsiness or dizziness. EUH208 Contains maleic anhydride. May produce an allergic reaction.
<b>Comments</b>	Full list of Hazard Statements is found in Sec. 16
<b>Precautionary statements</b>	P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P280 Wear protective gloves/protective clothing/eye protection/face protection. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P312 Call a POISON CENTER/doctor if you feel unwell. P403+P233 Store in a well-ventilated place. Keep container tightly closed. P501 Dispose of contents/container in accordance with national regulations.
<b>Contains</b>	Methyl Ethyl Ketone , Proprietary - Additive - Conductivity, Isopropanol
<b>Supplementary precautionary statements</b>	P240 Ground/bond container and receiving equipment. P241 Use explosion-proof electrical equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P261 Avoid breathing vapour/spray. P264 Wash contaminated skin thoroughly after handling. P271 Use only outdoors or in a well-ventilated area. P302+P352 IF ON SKIN: Wash with plenty of water. P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P310 Immediately call a POISON CENTER/doctor. P321 Specific treatment (see medical advice on this label). P332+P313 If skin irritation occurs: Get medical advice/attention. P362+P364 Take off contaminated clothing and wash it before reuse. P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish. P403+P235 Store in a well-ventilated place. Keep cool. P405 Store locked up.

### 2.3. Other hazards

#### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

<b>Methyl Ethyl Ketone</b>	<b>60-100%</b>
CAS number: 78-93-3	EC number: 201-159-0
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Flam. Liq. 2 - H225	F; R11. Xi; R36. R67, R66
Eye Irrit. 2 - H319	
STOT SE 3 - H336	

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<b>Proprietary - Additive - Conductivity</b>	<b>10-30%</b>
CAS number: Proprietary	EC number: Proprietary
	REACH registration number: Proprietary
<b>Classification</b> Skin Irrit. 2 - H315 Eye Dam. 1 - H318 STOT SE 3 - H335, H336	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xi; R41, R37/38. R67
<b>Cellulose Nitrate</b>	<b>5-10%</b>
CAS number: 9004-70-0	
<b>Classification</b> Expl. 1.1 - H201	
<b>Isopropanol</b>	<b>1-5%</b>
CAS number: 67-63-0	EC number: 200-661-7
<b>Classification</b> Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336	<b>Classification (67/548/EEC or 1999/45/EC)</b> F; R11. Xi; R36. R67
<b>Maleic Anhydride</b>	<b>&lt;1%</b>
CAS number: 108-31-6	EC number: 203-571-6
<b>Classification</b> Skin Corr. 1B - H314 Acute Tox. 4 - H302 Resp. Sens. 1 - H334 Skin Sens. 1 - H317	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>General information</b>	Consult a physician for specific advice. 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. If breathing stops, provide artificial respiration. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Get medical attention immediately.
<b>Ingestion</b>	Get medical attention immediately. Do not induce vomiting. Aspiration hazard if swallowed. Entry into the lungs following ingestion or vomiting may cause chemical pneumonitis.
<b>Skin contact</b>	Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention promptly if symptoms occur after washing. Wash clothing and clean shoes thoroughly before reuse.
<b>Eye contact</b>	Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes and get medical attention.

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**Protection of first aiders** First aid personnel should wear appropriate protective equipment during any rescue.

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

**General information** See Section 11 for additional information on health hazards.

**Inhalation** May cause respiratory system irritation. Overexposure may depress the central nervous system, causing dizziness and intoxication.

**Ingestion** May cause stomach pain or vomiting. May cause nausea, headache, dizziness and intoxication.

**Skin contact** Prolonged or repeated contact with skin may cause irritation, redness and dermatitis.

**Eye contact** This product is strongly irritating. Symptoms following overexposure may include the following: Severe irritation, burning, tearing and blurred vision. Prolonged contact causes serious eye and tissue damage.

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

**Notes for the doctor** Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media** Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.

**Unsuitable extinguishing media** Water spray.

### 5.2. Special hazards arising from the substance or mixture

**Specific hazards** Flammable liquid and vapour. Vapours are heavier than air and may spread near ground and travel a considerable distance to a source of ignition and flash back.

**Hazardous combustion products** Thermal decomposition or combustion products may include the following substances: Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO). Nitrous gases (NO<sub>x</sub>).

### 5.3. Advice for firefighters

**Protective actions during firefighting** Evacuate area. Stop leak if safe to do so. Use water to keep fire exposed containers cool and disperse vapours. Use water spray to reduce vapours.

**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions** No smoking, sparks, flames or other sources of ignition near spillage. Avoid contact with skin, eyes and clothing. Avoid inhalation of vapours. Wash thoroughly after dealing with a spillage.

### 6.2. Environmental precautions

**Environmental precautions** Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up** Spilled nitrocellulose must be thoroughly wetted with water. Eliminate all sources of ignition. Stop leak if safe to do so. Contain and absorb spillage with sand, earth or other non-combustible material. Dilute contained spill with water. Collect and place in suitable waste disposal containers and seal securely.

### 6.4. Reference to other sections

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**Reference to other sections** 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.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Usage precautions** Tools used with nitrocellulose should be of non-ferrous materials such as copper, brass, or wood. Wear protective clothing as described in Section 8 of this safety data sheet.

**Advice on general occupational hygiene** Do not eat, drink or smoke when using this product. Provide eyewash station and safety shower. Good personal hygiene procedures should be implemented. Wash skin thoroughly after handling.

#### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions** Keep only in the original container in a cool, well-ventilated place.

**Storage class** Flammable liquid storage.

#### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

### SECTION 8: Exposure Controls/personal protection

#### 8.1. Control parameters

##### Occupational exposure limits

##### Methyl Ethyl Ketone

Long-term exposure limit (8-hour TWA): WEL 100 ppm 295 mg/m<sup>3</sup> Austria

Long-term exposure limit (8-hour TWA): WEL 200 ppm 600 mg/m<sup>3</sup> Belgium, European Union, France, Germany (AGS), Germany (DFG), Ireland, Italy, Spain, United Kingdom

Long-term exposure limit (8-hour TWA): WEL 50 ppm 150 mg/m<sup>3</sup> Denmark, Sweden

Long-term exposure limit (8-hour TWA): WEL 600 mg/m<sup>3</sup> Hungary

Long-term exposure limit (8-hour TWA): WEL 67 ppm 200 mg/m<sup>3</sup> Latvia

Long-term exposure limit (8-hour TWA): WEL 450 mg/m<sup>3</sup> Poland

Long-term exposure limit (8-hour TWA): WEL 200 ppm 590 mg/m<sup>3</sup> Switzerland

Long-term exposure limit (8-hour TWA): WEL 590 mg/m<sup>3</sup> The Netherlands

Short-term exposure limit (15-minute): WEL 200 ppm 590 mg/m<sup>3</sup> Austria, Switzerland

Short-term exposure limit (15-minute): WEL 300 ppm 900 mg/m<sup>3</sup> Belgium, European Union, France, Ireland, Italy, Latvia, Spain, United Kingdom

Short-term exposure limit (15-minute): WEL 100 ppm 290 mg/m<sup>3</sup> Denmark

Short-term exposure limit (15-minute): WEL 100 ppm 300 mg/m<sup>3</sup> Finland, Sweden

Short-term exposure limit (15-minute): WEL 200 ppm 600 mg/m<sup>3</sup> Germany (AGS), Germany (DFG)

Short-term exposure limit (15-minute): WEL 900 mg/m<sup>3</sup> Hungary, Poland, The Netherlands

Sk

##### Isopropanol

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Long-term exposure limit (8-hour TWA): WEL 200 ppm 500 mg/m<sup>3</sup> Austria, Belgium, Finland, Germany (AGS), Germany (DFG), Spain, Switzerland

Long-term exposure limit (8-hour TWA): WEL 200 ppm 490 mg/m<sup>3</sup> Denmark

Long-term exposure limit (8-hour TWA): WEL 500 mg/m<sup>3</sup> Hungary

Long-term exposure limit (8-hour TWA): WEL 200 ppm Ireland

Long-term exposure limit (8-hour TWA): WEL 350 mg/m<sup>3</sup> Latvia

Long-term exposure limit (8-hour TWA): WEL 900 mg/m<sup>3</sup> Poland

Long-term exposure limit (8-hour TWA): WEL 150 ppm 350 mg/m<sup>3</sup> Sweden

Long-term exposure limit (8-hour TWA): WEL 400 ppm 999 mg/m<sup>3</sup> United Kingdom

Short-term exposure limit (15-minute): WEL 800 ppm 2000 mg/m<sup>3</sup> Austria

Short-term exposure limit (15-minute): WEL 400 ppm 1000 mg/m<sup>3</sup> Belgium, Germany (AGS), Germany (DFG), Spain, Switzerland

Short-term exposure limit (15-minute): WEL 400 ppm 980 mg/m<sup>3</sup> Denmark, France

Short-term exposure limit (15-minute): WEL 250 ppm 620 mg/m<sup>3</sup> Finland, Sweden

Short-term exposure limit (15-minute): WEL 2000 mg/m<sup>3</sup> Hungary

Short-term exposure limit (15-minute): WEL 400 ppm Ireland

Short-term exposure limit (15-minute): WEL 600 mg/m<sup>3</sup> Latvia

Short-term exposure limit (15-minute): WEL 1200 mg/m<sup>3</sup> Poland

Short-term exposure limit (15-minute): WEL 500 ppm 1250 mg/m<sup>3</sup> United Kingdom

### Maleic Anhydride

Long-term exposure limit (8-hour TWA): WEL 1 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 3 mg/m<sup>3</sup>

Sen

WEL = Workplace Exposure Limit

Sen = Capable of causing occupational asthma.

Sk = Can be absorbed through the skin.

## 8.2. Exposure controls

### Protective equipment



### Appropriate engineering controls

As this product contains ingredients with exposure limits, process enclosures, local exhaust ventilation or other engineering controls should be used to keep worker exposure below any statutory or recommended limits, if use generates dust, fumes, gas, vapour or mist. Use explosion-proof ventilating equipment.

### Eye/face protection

Wear tight-fitting, chemical splash goggles or face shield.

### Hand protection

It is recommended that chemical-resistant, impervious gloves are worn.

### Other skin and body protection

Wear appropriate clothing to prevent repeated or prolonged skin contact.

### Hygiene measures

Provide eyewash station and safety shower.

### Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn. Organic vapour filter.

### Thermal hazards

If there is a risk of contact with hot product, all protective equipment worn should be suitable for use with high temperatures.

### Environmental exposure controls

Keep container tightly sealed when not in use. Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

## SECTION 9: Physical and Chemical Properties

### 9.1. Information on basic physical and chemical properties

## L-1080R White Pigmented Ink

<b>Appearance</b>	Coloured liquid.
<b>Colour</b>	White.
<b>Odour</b>	Ketonic.
<b>Odour threshold</b>	Not available.
<b>pH</b>	pH (concentrated solution): 6.0 - 8.5
<b>Melting point</b>	-86°C/-123°F
<b>Initial boiling point and range</b>	79°C/147°F @ 760 mm Hg
<b>Flash point</b>	-9°C/16°F CC (Closed cup).
<b>Evaporation rate</b>	3.7 (butyl acetate = 1)
<b>Upper/lower flammability or explosive limits</b>	Upper flammable/explosive limit: 12.7 % vol Lower flammable/explosive limit: 1.8 % vol
<b>Vapour pressure</b>	71.25 mm Hg @ 20°C/68°F
<b>Vapour density</b>	2.4
<b>Relative density</b>	1.001 g/cm <sup>3</sup> 1001 g/l 8.34 lbs/gal
<b>Solubility(ies)</b>	Soluble in the following materials: Ketones. Slightly soluble in water.
<b>Partition coefficient</b>	log Pow: 0.26
<b>Auto-ignition temperature</b>	404°C/759°F
<b>Decomposition Temperature</b>	Not applicable.
<b>Explosive properties</b>	Not applicable.
<b>Oxidising properties</b>	Not applicable.
<b>Comments</b>	Information given is applicable to the product as supplied.

### 9.2. Other information

<b>Volatile organic compound</b>	This product contains a maximum VOC content of 709 g/l. This product contains a maximum VOC content of 5.91 lbs/gal.
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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

<b>Reactivity</b>	There are no known reactivity hazards associated with this product.
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### 10.2. Chemical stability

<b>Stability</b>	Stable at normal ambient temperatures and when used as recommended.
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### 10.3. Possibility of hazardous reactions

<b>Possibility of hazardous reactions</b>	The following materials may react with the product: Acids. Alkalis. Strong oxidising agents.
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### 10.4. Conditions to avoid

<b>Conditions to avoid</b>	Avoid the following conditions: Heat, sparks, flames.
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### 10.5. Incompatible materials

<b>Materials to avoid</b>	Avoid contact with the following materials: Acids. Alkalis. Strong oxidising agents.
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### 10.6. Hazardous decomposition products

## L-1080R White Pigmented Ink

**Hazardous decomposition products** Heating may generate the following products: Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO). Nitrous gases (NO<sub>x</sub>).

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

**Toxicological effects** Data based on literature. Product not tested.

#### Specific target organ toxicity - single exposure

**Target organs** Central nervous system Eyes Gastro-intestinal tract Respiratory system, lungs Skin

#### Specific target organ toxicity - repeated exposure

**Target organs** Blood Central nervous system Gastro-intestinal tract Kidneys Liver Skin

#### Aspiration hazard

**Aspiration hazard** Aspiration hazard if swallowed. Entry into the lungs following ingestion or vomiting may cause chemical pneumonitis.

#### Toxicological information on ingredients.

#### Methyl Ethyl Ketone

##### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 2,600.0

**Species** Rat

**ATE oral (mg/kg)** 2,600.0

##### Acute toxicity - dermal

**Acute toxicity dermal (LD<sub>50</sub> mg/kg)** 6,400.0

**Species** Rabbit

**ATE dermal (mg/kg)** 6,400.0

##### Acute toxicity - inhalation

**Acute toxicity inhalation (LC<sub>50</sub> vapours mg/l)** 32,000.0

**Species** Mouse

**ATE inhalation (vapours mg/l)** 32,000.0

#### Proprietary - Additive - Conductivity

**Comments:** see SDS for details

#### Isopropanol

##### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 5,045.0



## L-1080R White Pigmented Ink

**Species** Rat  
**ATE oral (mg/kg)** 5,045.0

### Acute toxicity - dermal

**Acute toxicity dermal (LD<sub>50</sub> mg/kg)** 12,800.0

**Species** Rabbit  
**ATE dermal (mg/kg)** 12,800.0

### Carcinogenicity

**IARC carcinogenicity** IARC Group 3 Not classifiable as to its carcinogenicity to humans.

### Maleic Anhydride

### Acute toxicity - oral

**ATE oral (mg/kg)** 500.0

## SECTION 12: Ecological Information

**Ecotoxicity** Data based on literature. Product not tested.

### 12.1. Toxicity

#### Ecological information on ingredients.

### Methyl Ethyl Ketone

**Acute toxicity - fish** LC<sub>50</sub>, : 1690 mg/l, Lepomis macrochirus (Bluegill)  
 LC<sub>50</sub>, : 3220 mg/l, Pimephales promelas (Fat-head Minnow)

### Proprietary - Additive - Conductivity

**Acute toxicity - fish** LC<sub>50</sub>, 96 hour: > 100 mg/l, Fish  
**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 24 hours: > 10 - 100 mg/l, Daphnia magna  
**Acute toxicity - aquatic plants** EC<sub>50</sub>, 72 hours: > 100 mg/l, Algae

### Isopropanol

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: 9640 mg/l, Pimephales promelas (Fat-head Minnow)  
**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 24 hours: 5102 mg/l, Daphnia magna  
**Acute toxicity - aquatic plants** EC<sub>50</sub>, 72 hours: > 2000 mg/l, Desmodemus subspicatus  
 EC<sub>50</sub>, 24 hours: > 1000 mg/l, Algae

### 12.2. Persistence and degradability

### 12.3. Bioaccumulative potential

**Partition coefficient** log Pow: 0.26

### 12.4. Mobility in soil

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### 12.5. Results of PBT and vPvB assessment

### 12.6. Other adverse effects

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

<b>General information</b>	Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements.
<b>Disposal methods</b>	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

## SECTION 14: Transport information

### 14.1. UN number

UN No. (ADR/RID)	1210
UN No. (IMDG)	1210
UN No. (ICAO)	1210
UN No. (ADN)	1210

### 14.2. UN proper shipping name

Proper shipping name (ADR/RID)	PRINTING INK
Proper shipping name (IMDG)	PRINTING INK
Proper shipping name (ICAO)	PRINTING INK
Proper shipping name (ADN)	PRINTING INK

### 14.3. Transport hazard class(es)

ADR/RID class	3
ADR/RID classification code	F1
ADR/RID label	3
IMDG class	3
ICAO class/division	3
ADN class	3

### Transport labels



### 14.4. Packing group

ADR/RID packing group	II
IMDG packing group	II
ICAO packing group	II
ADN packing group	II

## L-1080R White Pigmented Ink

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

### 14.6. Special precautions for user

EmS F-E, S-D

ADR transport category 2

Emergency Action Code •3YE

Hazard Identification Number 33  
(ADR/RID)

Tunnel restriction code (D/E)

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

#### SECTION 15: Regulatory information

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

EU legislation Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

### 15.2. Chemical safety assessment

#### US Federal Regulations

Hazardous Air Pollutants Methyl ethyl ketone  
(HAPS) - Clean Air Act

#### Inventories

##### **EU - EINECS/ELINCS**

All the ingredients are listed or exempt.

##### **Canada - DSL/NDSL**

All the ingredients are listed or exempt.

##### **US - TSCA**

All the ingredients are listed or exempt.

##### **Australia - AICS**

The following ingredients are listed or exempt:

**Methyl Ethyl Ketone**

**Cellulose Nitrate**

**Isopropanol**

##### **Japan - MITI**

The following ingredients are listed or exempt:

**Methyl Ethyl Ketone**

**Cellulose Nitrate**

**Isopropanol**

##### **Korea - KECI**

The following ingredients are listed or exempt:

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**Methyl Ethyl Ketone**

**Cellulose Nitrate**

**Isopropanol**

### China - IECSC

The following ingredients are listed or exempt:

**Methyl Ethyl Ketone**

**Cellulose Nitrate**

**Isopropanol**

### Philippines – PICCS

The following ingredients are listed or exempt:

**Methyl Ethyl Ketone**

**Cellulose Nitrate**

**Isopropanol**

## SECTION 16: Other information

<b>General information</b>	Containers of this material may be hazardous when emptied, all hazard precautions given in the data sheet must be observed.
<b>Issued by</b>	Mathews Marking Systems - Chemical Services Department
<b>Revision date</b>	31/12/2015
<b>Revision</b>	1
<b>Supersedes date</b>	01/06/2015
<b>SDS number</b>	5492
<b>SDS status</b>	Approved.
<b>Risk phrases in full</b>	R11 Highly flammable. R22 Harmful if swallowed. R34 Causes burns. R36 Irritating to eyes. R36/37/38 Irritating to eyes, respiratory system and skin. R37/38 Irritating to respiratory system and skin. R38 Irritating to skin. R40 Limited evidence of a carcinogenic effect. R41 Risk of serious damage to eyes. R42/43 May cause sensitisation by inhalation and skin contact. R43 May cause sensitisation by skin contact. R48/20/21/22 Harmful: danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed. R48/23/24/25 Toxic: danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed. R66 Repeated exposure may cause skin dryness or cracking. R67 Vapours may cause drowsiness and dizziness.

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### Hazard statements in full

EUH208 Contains maleic anhydride. May produce an allergic reaction.  
H201 Explosive; mass explosion hazard.  
H225 Highly flammable liquid and vapour.  
H302 Harmful if swallowed.  
H314 Causes severe skin burns and eye damage.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
H335 May cause respiratory irritation.  
H336 May cause drowsiness or dizziness.

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.