



SAFETY DATA SHEET

M156 Beige Offset Ink

1. Identification

Product identifier

Product name M156 Beige Offset Ink

Product number 71000344

Container size 6 x 1 Liter

Recommended use of the chemical and restrictions on use

Application Printing ink.

Uses advised against No specific uses advised against are identified.

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

Emergency telephone number

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

2. Hazard(s) identification

Classification of the substance or mixture

OSHA Regulatory Status This Product is Hazardous under the OSHA Hazard Communication Standard.

Physical hazards Flam. Liq. 4 - H227

Health hazards Acute Tox. 4 - H302 Eye Dam. 1 - H318 Skin Sens. 1 - H317 Carc. 2 - H351 Repr. 1B - H360FD STOT SE 3 - H335

Environmental hazards Aquatic Acute 1 - H400 Aquatic Chronic 3 - H412

Label elements

Pictogram



Signal word

Danger

M156 Beige Offset Ink

Hazard statements	<p>H227 Combustible liquid.</p> <p>H302 Harmful if swallowed.</p> <p>H317 May cause an allergic skin reaction.</p> <p>H318 Causes serious eye damage.</p> <p>H335 May cause respiratory irritation.</p> <p>H351 Suspected of causing cancer.</p> <p>H360FD May damage fertility. May damage the unborn child.</p> <p>H400 Very toxic to aquatic life.</p> <p>H412 Harmful to aquatic life with long lasting effects.</p>
Comments	Full list of Hazard Statements is found in Sec. 16
Precautionary statements	<p>P210 Keep away from heat, sparks, open flames and hot surfaces. No smoking.</p> <p>P280 Wear protective gloves/protective clothing/eye protection/face protection.</p> <p>P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P308+P313 If exposed or concerned: Get medical advice/attention.</p> <p>P403+P233 Store in a well-ventilated place. Keep container tightly closed.</p> <p>P501 Dispose of contents/container in accordance with national regulations.</p>
Contains	Isophorone, Cyclohexanone, Dibutyl Phthalate, Proprietary - Additive - Heat Stabilizer

3. Composition/information on ingredients

Mixtures

Isophorone	30-60%
CAS number: 78-59-1	
Classification	
Flam. Liq. 4 - H227	
Acute Tox. 4 - H302	
Acute Tox. 4 - H312	
Eye Irrit. 2A - H319	
Carc. 2 - H351	
STOT SE 3 - H335	
Cyclohexanone	5-10%
CAS number: 108-94-1	
Classification	
Flam. Liq. 3 - H226	
Acute Tox. 4 - H302	
Acute Tox. 4 - H332	
Skin Irrit. 2 - H315	
Eye Dam. 1 - H318	

M156 Beige Offset Ink

Dibutyl Phthalate	1-5%
CAS number: 84-74-2 M factor (Acute) = 10	
Classification Repr. 1B - H360Df Aquatic Acute 1 - H400	
Proprietary - Additive - Light Stabilizer	<1%
CAS number: Proprietary REACH registration number: Proprietary M factor (Chronic) = 1	
Classification Combustible Dust - USH01 Skin Sens. 1B - H317 Aquatic Chronic 1 - H410	
Proprietary - Additive - Heat Stabilizer	<1%
CAS number: Proprietary REACH registration number: Proprietary M factor (Acute) = 1 M factor (Chronic) = 1	
Classification Acute Tox. 4 - H302 Acute Tox. 4 - H312 Skin Irrit. 2 - H315 Eye Irrit. 2B - H320 Skin Sens. 1 - H317 Muta. 2 - H341 Repr. 1B - H360Fd STOT SE 1 - H370 STOT RE 1 - H372 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	

The Full Text for all Hazard Statements are Displayed in Section 16.

4. First-aid measures

Description of first aid measures

General information	Consult a physician for specific advice. Show this Safety Data Sheet to the medical personnel.
Inhalation	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.
Ingestion	Get medical attention immediately. Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person. Do not induce vomiting unless under the direction of medical personnel.

M156 Beige Offset Ink

Skin Contact	Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if irritation persists after washing. Wash clothing and clean shoes thoroughly before reuse.
Eye contact	Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes and get medical attention.
Protection of first aiders	First aid personnel should wear appropriate protective equipment during any rescue.
<u>Most important symptoms and effects, both acute and delayed</u>	
General information	See Section 11 for additional information on health hazards.
Inhalation	May be harmful if inhaled. May cause eye and respiratory system irritation. Vapors in high concentrations are anesthetic. Overexposure to organic solvents may depress the central nervous system, causing dizziness and intoxication and, at very high concentrations, unconsciousness and death.
Ingestion	Harmful if swallowed. May cause nausea, headache, dizziness and intoxication. May cause stomach pain or vomiting.
Skin contact	Causes skin irritation. Prolonged or repeated contact with skin may cause irritation, redness and dermatitis.
Eye contact	This product is strongly irritating. Prolonged contact causes serious eye and tissue damage.

Indication of immediate medical attention and special treatment needed

Notes for the doctor Treat symptomatically.

5. Fire-fighting measures

Extinguishing media

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

Unsuitable extinguishing media Water spray.

Special hazards arising from the substance or mixture

Flammability Class 3.0 Combustible Liquid II

Specific hazards Combustible liquid. Vapors 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 (CO₂). Carbon monoxide (CO).

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 vapors. Use water spray to reduce vapors.

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

6. Accidental release measures

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 vapors. Wash thoroughly after dealing with a spillage.

Environmental precautions

Environmental precautions Avoid release to the environment.

M156 Beige Offset Ink

Methods and material for containment and cleaning up

Methods for cleaning up	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.
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.

7. Handling and storage

Precautions for safe handling

Usage precautions	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.

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

8. Exposure Controls/personal protection

Control parameters

Occupational exposure limits

Isophorone

Ceiling exposure limit: ACGIH 5 ppm 28 mg/m³
 Long-term exposure limit (8-hour TWA): OSHA 25 ppm 140 mg/m³
 A3

Cyclohexanone

Long-term exposure limit (8-hour TWA): ACGIH 20 ppm
 Long-term exposure limit (8-hour TWA): OSHA 50 ppm 200 mg/m³
 Short-term exposure limit (15-minute): ACGIH 50 ppm
 A3, Sk

Dibutyl Phthalate

Long-term exposure limit (8-hour TWA): ACGIH 5 mg/m³
 Long-term exposure limit (8-hour TWA): OSHA 5 mg/m³

Proprietary - Additive - Heat Stabilizer

Short-term exposure limit (15-minute): ACGIH 0.2 mg/m³ Sn (tin)
 Long-term exposure limit (8-hour TWA): ACGIH 0.1 mg/m³ Sn (tin)
 Long-term exposure limit (8-hour TWA): OSHA 0.1 mg/m³ Sn (tin)

ACGIH = American Conference of Governmental Industrial Hygienists.

OSHA = Occupational Safety and Health Administration.

A3 = Confirmed Animal Carcinogen with Unknown Relevance to Humans.

Sk = Danger of cutaneous absorption.

Ingredient comments	Data based on literature. Product not tested.
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M156 Beige Offset Ink

Isophorone (CAS: 78-59-1)

Immediate danger to life and health 200 ppm

Cyclohexanone (CAS: 108-94-1)

Immediate danger to life and health 700 ppm

Dibutyl Phthalate (CAS: 84-74-2)

Immediate danger to life and health 4000 mg/m³

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, vapor 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. 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. It is recommended that gloves are made of the following material: Butyl rubber. Nitrile rubber. Rubber (natural, latex). Frequent changes are recommended.

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. Wear a respirator fitted with the following cartridge: Organic vapor 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.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance	Colored liquid.
Color	Beige.
Odor	Ketonic.
Odor threshold	Not available.

M156 Beige Offset Ink

pH	pH (concentrated solution): 6.0 - 8.5
Melting point	-8°C/18°F
Initial boiling point and range	155°C/311°F @ 760 mm Hg
Flash point	44°C/111°F CC (Closed cup).
Evaporation rate	0.01 (butyl acetate = 1)
Upper/lower flammability or explosive limits	Upper flammable/explosive limit: 9.4 % vol Lower flammable/explosive limit: 0.8 % vol
Vapour pressure	0.2 mm Hg @ 20°C/68°F
Vapour density	3.39
Relative density	1.38791 g/cc 1387.91 g/l 11.56 lbs/gal
Solubility(ies)	Soluble in the following materials: Ketones. Insoluble in water.
Partition coefficient	log Pow: 0.81
Auto-ignition temperature	420°C/788°F
Decomposition Temperature	Not applicable.
Explosive properties	Not applicable.
Oxidising properties	Not applicable.
Comments	Data based on literature. Product not tested. Information given is applicable to the product as supplied. Information declared as "Not available" or "Not applicable" is not considered to be relevant to the implementation of the proper control measures.
Volatile organic compound	This product contains a maximum VOC content of 722 g/l.

10. Stability and reactivity

Reactivity	There are no known reactivity hazards associated with this product.
Stability	Stable at normal ambient temperatures and when used as recommended.
Possibility of hazardous reactions	The following materials may react with the product: Strong oxidizing agents.
Conditions to avoid	Avoid the following conditions: Heat, sparks, flames.
Materials to avoid	Avoid contact with the following materials: Strong oxidizing agents.
Hazardous decomposition products	Heating may generate the following products: Carbon dioxide (CO ₂). Carbon monoxide (CO).

11. Toxicological information

Information on toxicological effects

Toxicological effects Data based on literature. Product not tested.

Acute toxicity - oral

ATE oral (mg/kg) 1,011.74

Acute toxicity - dermal

M156 Beige Offset Ink

ATE dermal (mg/kg) 2,225.82

Acute toxicity - inhalation

ATE inhalation (vapours mg/l) 128.06

ATE inhalation (dusts/mists mg/l) 93.65

Specific target organ toxicity - single exposure

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

Specific target organ toxicity - repeated exposure

Target organs Central nervous system Gastro-intestinal tract Reproductive organs Respiratory system, lungs

Aspiration hazard

Aspiration hazard Not relevant.

Toxicological information on ingredients.

Isophorone

Acute toxicity - oral

Notes (oral LD₅₀) LD₅₀ 1870 mg/kg, Oral, Rat

ATE oral (mg/kg) 500.0

Acute toxicity - dermal

ATE dermal (mg/kg) 1,100.0

Acute toxicity - inhalation

Notes (inhalation LC₅₀) LD₅₀ 4600 ppm, Inhalation, Guinea pig

Cyclohexanone

Acute toxicity - oral

ATE oral (mg/kg) 500.0

Acute toxicity - dermal

ATE dermal (mg/kg) 1,100.0

Acute toxicity - inhalation

ATE inhalation (vapours mg/l) 11.0

Carcinogenicity

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

Dibutyl Phthalate

Acute toxicity - oral

Notes (oral LD₅₀) LD₅₀ 25,000 mg/kg, Oral, Rat LD₅₀ > 2096 mg/kg, Dermal, Guinea pig LD₅₀ 20,960 mg/kg, Dermal, Rabbit

Skin corrosion/irritation

Animal data Slightly irritating.

M156 Beige Offset Ink

Serious eye damage/irritation

Serious eye damage/irritation Slightly irritating.

Proprietary - Additive - Light Stabilizer

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 10,000.0

Species Rat

ATE oral (mg/kg) 10,000.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 2,000.1

Species Rat

ATE dermal (mg/kg) 2,000.1

Acute toxicity - inhalation

Acute toxicity inhalation (LC₅₀ dust/mist mg/l) 0.59

Species Rat

ATE inhalation (dusts/mists mg/l) 0.59

Proprietary - Additive - Heat Stabilizer

Acute toxicity - oral

Notes (oral LD₅₀) LD₅₀ > 510 - 4439 - organo tin compound mg/kg, Oral, Rat LD₅₀ 1516 - 2774 - ethylhexanol mg/kg, Oral, Rat

ATE oral (mg/kg) 500.0

Acute toxicity - dermal

Notes (dermal LD₅₀) LD₅₀ 777 - organo tin compound mg/kg, Dermal, Rat LD₅₀ > 3000 - ethylhexanol mg/kg, Dermal, Rat LD₅₀ > 2600 - ethylhexanol mg/kg, Dermal, Rabbit

ATE dermal (mg/kg) 1,100.0

12. Ecological Information

Ecotoxicity Data based on literature. Product not tested.

Ecological information on ingredients.

Proprietary - Additive - Heat Stabilizer

Ecotoxicity Very toxic to aquatic life with long lasting effects.

Toxicity

M156 Beige Offset Ink

Acute toxicity - aquatic invertebrates EC₅₀, 24 hours: 820 mg/l, Daphnia magna

Ecological information on ingredients.

Isophorone

Acute toxicity - fish NOEC, 96 hours: 170 mg/l, Cyprinodon variegatus (Sheepshead minnow)
LC₅₀, 96 hours: 145 mg/l, Pimephales promelas (Fat-head Minnow)

Acute toxicity - aquatic invertebrates LC₅₀, 48 hours: 120 mg/l, Daphnia magna

Cyclohexanone

Acute toxicity - aquatic invertebrates EC₅₀, 24 hours: 820 mg/l, Daphnia magna

Dibutyl Phthalate

Acute aquatic toxicity

LE(C)₅₀ 0.01 < L(E)C₅₀ ≤ 0.1

M factor (Acute) 10

Acute toxicity - fish LC₅₀, 96 hours: 0.92 mg/l, Pimephales promelas (Fat-head Minnow)
NOEC, 96 hours: 0.32 mg/l, Pimephales promelas (Fat-head Minnow)
LC₅₀, 96 hours: 1.6 mg/l, Onchorhynchus mykiss (Rainbow trout)
NOEC, 96 hours: 0.5 mg/l, Onchorhynchus mykiss (Rainbow trout)

Acute toxicity - aquatic invertebrates EC₅₀, 3.0 hours: mg/l, Daphnia magna
NOEC, 48 hours: 1.7 mg/l, Daphnia magna

Proprietary - Additive - Light Stabilizer

Acute toxicity - fish LC₅₀, 96 hours: >0.17 mg/l, Onchorhynchus mykiss (Rainbow trout)

Acute toxicity - aquatic invertebrates EC₅₀, 24 hours: > 1000 mg/l, Daphnia magna

Chronic aquatic toxicity

M factor (Chronic) 1

Chronic toxicity - fish early life stage Scientifically unjustified.

Chronic toxicity - aquatic invertebrates NOEC, 21 days: 0.013 mg/l, Daphnia magna

Proprietary - Additive - Heat Stabilizer

Acute aquatic toxicity

LE(C)₅₀ 0.1 < L(E)C₅₀ ≤ 1

M factor (Acute) 1

M156 Beige Offset Ink

Acute toxicity - fish	EC ₈₀ , 96 hours: > 10.75 - organo tin compound mg/l, Fish EC ₅₀ , 96 hours: 11.7 - organo tin compound mg/l, Brachydanio rerio (Zebra Fish) EC ₅₀ , 96 hours: 32 - 37 - ethyl hexanol mg/l, Onchorhynchus mykiss (Rainbow trout)
Acute toxicity - aquatic invertebrates	EC ₅₀ , 48 hours: 0.035 - organo tin compound mg/l, Daphnia magna EC ₅₀ , 21 days: 0.64 - organo tin compound mg/l, Daphnia magna
<u>Chronic aquatic toxicity</u>	
M factor (Chronic)	1

Persistence and degradability

Biodegradation - 90 - 100:

Ecological information on ingredients.

Cyclohexanone

Biodegradation - 90 - 100:

Bioaccumulative potential

Partition coefficient log Pow: 0.81

13. Disposal considerations

Waste treatment methods

General information 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.

Disposal methods Dispose of contents/container in accordance with national regulations. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Residues and empty containers should be taken care of as hazardous waste according to local and national provisions. When handling waste, the safety precautions applying to handling of the product should be considered.

14. Transport information

UN Number

UN No. (DOT) 1210

UN No. (IMDG) 1210

UN No. (ICAO) 1210

UN proper shipping name

Proper shipping name (DOT) PRINTING INK

Proper shipping name (IMDG) PRINTING INK

Proper shipping name (ICAO) PRINTING INK

Transport hazard class(es)

IMDG Class 3

ICAO class/division 3

M156 Beige Offset Ink

Transport labels



Packing group

DOT pack group III

IMDG packing group III

ICAO packing group III

Environmental hazards

Environmentally Hazardous Substance

No.

Special precautions for user

EmS F-E, S-D

15. Regulatory information

Regulatory Status Hazardous Chemical

Regulatory References OSHA Hazard Communication Standard, 29 CFR 1910.1200

US Federal Regulations

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

Isophorone

Final CERCLA RQ: 5000(2270) pounds (Kilograms)

Cyclohexanone

Final CERCLA RQ: 5000(2270) pounds (Kilograms)

Dibutyl Phthalate

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

SARA 313 Emission Reporting

Dibutyl Phthalate

1.0 %

SARA (311/312) Hazard Categories

Proprietary - Additive - Heat Stabilizer

Health:
Acute
Chronic

Isophorone

Health:
Acute
Chronic

Proprietary - Additive - Light Stabilizer

Fire
Combustible Dust
Health:
Acute
Chronic

M156 Beige Offset Ink

Cyclohexanone

Fire
Health:
Acute
Chronic

Dibutyl Phthalate

Chronic

Hazardous Air Pollutants (HAPS) - Clean Air Act Isophorone

US State Regulations

California Proposition 65 Carcinogens and Reproductive Toxins

Dibutyl Phthalate

Known to the State of California to cause developmental, female and male reproductive toxicity.

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

Isophorone

Dibutyl Phthalate

California Directors List of Hazardous Substances

The following ingredients are listed or exempt:

Isophorone

Cyclohexanone

Dibutyl Phthalate

Massachusetts "Right To Know" List

The following ingredients are listed or exempt:

Proprietary - Additive - Heat Stabilizer

Isophorone

Cyclohexanone

Dibutyl Phthalate

Rhode Island "Right To Know" List

The following ingredients are listed or exempt:

Isophorone

Cyclohexanone

Dibutyl Phthalate

Minnesota "Right To Know" List

The following ingredients are listed or exempt:

Isophorone

Cyclohexanone

Dibutyl Phthalate

New Jersey "Right To Know" List

The following ingredients are listed or exempt:

Isophorone

Present.

M156 Beige Offset Ink

Cyclohexanone

Present.

Dibutyl Phthalate

Present.

Pennsylvania "Right To Know" List

The following ingredients are listed or exempt:

Proprietary - Additive - Heat Stabilizer

Present.

Isophorone

Present.

Cyclohexanone

Present.

Dibutyl Phthalate

Present.

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:

Proprietary - Additive - Heat Stabilizer

Isophorone

Cyclohexanone

Dibutyl Phthalate

Japan - MITI

The following ingredients are listed or exempt:

Proprietary - Additive - Heat Stabilizer

Isophorone

Cyclohexanone

Dibutyl Phthalate

Korea - KECI

The following ingredients are listed or exempt:

Proprietary - Additive - Heat Stabilizer

Isophorone

Cyclohexanone

Dibutyl Phthalate

China - IECSC

M156 Beige Offset Ink

The following ingredients are listed or exempt:

Proprietary - Additive - Heat Stabilizer

Isophorone

Cyclohexanone

Philippines - PICCS

The following ingredients are listed or exempt:

Proprietary - Additive - Heat Stabilizer

Isophorone

Cyclohexanone

16. Other information

General information	Containers of this material may be hazardous when emptied, all hazard precautions given in the data sheet must be observed.
Issued by	Matthews Marking Systems - Chemical Services Department
Revision date	12/31/2015
Revision	2
Supersedes date	6/1/2015
SDS No.	5000
SDS status	Approved.
Hazard statements in full	H227 Combustible liquid. H302 Harmful if swallowed. H312 Harmful in contact with skin. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H320 Causes eye irritation. H332 Harmful if inhaled. H335 May cause respiratory irritation. H341 Suspected of causing genetic defects. H351 Suspected of causing cancer. H360Df May damage the unborn child. Suspected of damaging fertility. H360Fd May damage fertility. Suspected of damaging the unborn child. H360FD May damage fertility. May damage the unborn child. H370 Causes damage to organs (Blood, thymus). H372 Causes damage to organs through prolonged or repeated exposure. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects. USH01 May form combustible dust concentrations in air
NFPA - flammability hazard	Burns only if heated moderately. (2)
NFPA - health hazard	Temporary incapacitation, injury. (2)
NFPA - instability hazard	Normally stable. (0)
ACA HMIS Health rating.	Moderate hazard. (2) Chronic hazard.

M156 Beige Offset Ink

ACA HMIS Physical hazard rating.	Normally stable. (0)
ACA HMIS Personal protection rating.	C
ACA HMIS Flammability rating.	Burns only if heated moderately. (2)

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.