

## SAFETY DATA SHEET

Classification according to the regulation OSHA 29 CFR 1900.1200 HCS 2012

Issuing Date 04-May-2015

Revision date 04-May-2015

Revision Number 3

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

#### Product Identifier

Product name DIGIPRIME 4453  
Product code DP4453

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

Recommendations on Use Industrial use  
Uses advised against No information available

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

Manufacturer Michelman, Inc.  
9080 Shell Road  
Cincinnati, Ohio 45236  
(513)793-7766

#### Emergency Telephone Number

Emergency Telephone CHEMTREC: +1-703-741-5970 (INTERNATIONAL)  
1-800-424-9300 (NORTH AMERICA)

### 2. HAZARDS IDENTIFICATION

#### Classification

#### **OSHA Regulatory Status**

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.122)

Signal Word None

Hazard statements None

Pictograms None

#### **Precautionary Statements - Prevention**

None

#### Hazards Not Otherwise Classified (HNOC)

Not applicable

#### OTHER INFORMATION

None

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature of the preparation Water based primer for Digital printing.

Formulas are confidential and proprietary. Therefore, a percent range is provided for the concentration of each classified component in this mixture.

The product contains no substances known to be hazardous to health in concentrations which need to be taken into account

#### 4. FIRST AID MEASURES

##### FIRST AID MEASURES

<b>Eye Contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water. If symptoms persist, call a physician.
<b>Inhalation</b>	Move to fresh air. If symptoms persist, call a physician.
<b>Ingestion</b>	Rinse mouth. If symptoms persist, call a physician.

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

<b>Most Important Symptoms/Effects</b>	No information available.
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##### Indication of any immediate medical attention and special treatment needed

<b>Notes to Physician</b>	Treat symptomatically.
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#### 5. FIRE-FIGHTING MEASURES

##### Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

##### Extinguishing media which shall not be used for safety reasons

None.

##### Specific hazards arising from the chemical

No information available.

##### Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

#### 6. ACCIDENTAL RELEASE MEASURES

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

<b>Personal precautions</b>	Ensure adequate ventilation.
<b>Environmental precautions</b>	Do not allow material to contaminate ground water system.
<b>Methods for containment</b>	Prevent further leakage or spillage if safe to do so.
<b>Methods for cleaning up</b>	Pick up and transfer to properly labeled containers.

#### 7. HANDLING AND STORAGE

##### Precautions for safe handling

<b>Handling</b>	Handle in accordance with good industrial hygiene and safety practice.
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##### Conditions for safe storage, including any incompatibilities

<b>Storage</b>	Keep containers tightly closed in a dry, cool and well-ventilated place.
<b>Incompatible Products</b>	None known based on information supplied.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure guidelines** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

**Appropriate engineering controls**

<b>Engineering Measures</b>	Showers Eyewash stations Ventilation systems.
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**Individual protection measures, such as personal protective equipment**

<b>Eye/face Protection</b>	Tightly fitting safety goggles.
<b>Skin and body protection</b>	Long sleeved clothing. Protective gloves.
<b>Respiratory protection</b>	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.
<b>Hygiene Measures</b>	Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

<b>Physical State</b>	liquid
<b>Appearance</b>	translucent white
<b>Odor</b>	No information available
<b>Freezing Point</b>	0 °C
<b>Odor Threshold</b>	No information available
<b>Vapor Pressure</b>	No information available
<b>Vapor Density</b>	No information available
<b>pH</b>	7.5-8.5
<b>Density</b>	8.30 lb/gal
<b>Boiling Point/Boiling Range</b>	No data available
<b>Flash Point</b>	Not flammable
<b>Evaporation Rate</b>	no data available
<b>Flammability (solid, gas)</b>	Not flammable
<b>Flammability Limits in Air</b>	
<b>Upper Flammability Limit</b>	No information available
<b>Lower Flammability Limit</b>	No information available
<b>Specific Gravity</b>	0.9946

<b>Water Solubility</b>	no data available
<b>Partition Coefficient: n-octanol/water</b>	No information available
<b>Autoignition Temperature</b>	no data available
<b>Decomposition Temperature</b>	No information available
<b>Viscosity</b>	< 100 cps

## 10. STABILITY AND REACTIVITY

### Reactivity

No data available.

### Chemical stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

### Conditions to avoid

Do not freeze.

### Incompatible materials

None known based on information supplied.

### Hazardous decomposition products

None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

<b>Inhalation</b>	Not an expected route of exposure.
<b>Eye contact</b>	No known effect based on information supplied.
<b>Skin contact</b>	No known effect based on information supplied.
<b>Ingestion</b>	No known effect based on information supplied.

### Acute toxicity

<b>Component Information</b>	No information available
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### Information on toxicological effects

<b>Symptoms</b>	None known.
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### Delayed and immediate effects as well as chronic effects from short and long-term exposure

<b>Carcinogenicity</b>	Contains no ingredients above reportable quantities listed as a carcinogen
<b>Irritation</b>	None known based on information supplied.
<b>Sensitization</b>	None known based on information supplied.
<b>Mutagenic Effects</b>	None known based on information supplied.

<b>Reproductive toxicity</b>	None known based on information supplied.
<b>STOT - single exposure</b>	None known based on information supplied.
<b>STOT - repeated exposure</b>	None known based on information supplied.
<b>Aspiration Hazard</b>	None known based on information supplied.

**Numerical measures of toxicity - Product Information**

No information available

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

30.53871% of the mixture consists of components(s) of unknown hazards to the aquatic environment

**Persistence and degradability** Persistence and degradability is not known based on information supplied.

**Mobility** The mobility of this product has not been determined

**Bioaccumulation** Bioaccumulation potential is not known based on information supplied

**Other adverse effects**

**Endocrine system** This product does not contain any known or suspected endocrine disruptors

**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

**Waste Disposal Method** This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

**Contaminated Packaging** Dispose of in accordance with local regulations.

**14. TRANSPORT INFORMATION**

**DOT** Not regulated

**IATA** Not regulated

**IMDG** Not regulated

**15. REGULATORY INFORMATION**

**International Inventories**

<b>TSCA (USA)</b>	Complies
<b>DSL (Canada)</b>	Complies
<b>EINECS (Europe)</b>	Complies
<b>ENCS (Japan)</b>	Complies
<b>IECSC (China)</b>	Complies

KECL (Korea)	Complies
PICCS (Philippines)	Complies
AICS (Australia)	Complies
ERMA (New Zealand)	Complies
Taiwan	This product complies with TECS

**Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/312 Hazard Categories**

Acute health hazard	No
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

**Clean Water Act**

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
SODIUM HYDROXIDE 1310-73-2	1000 lb			X
PHOSPHORIC ACID, TRISODIUM SALT 7601-54-9	5000 lb			X

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) and Volatile Organic Compounds (VOCs) (see 40 CFR 61)**

This product does not contain any substances regulated as hazardous air pollutants (HAPS) or volatile organic compounds (VOCs) under Section 112 of the Clean Air Act Amendments of 1990

**CERCLA**

Chemical name	Hazardous Substances Reportable Quantities	Extremely Hazardous Substances RQs	RQ
SODIUM HYDROXIDE 1310-73-2	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ
PHOSPHORIC ACID, TRISODIUM SALT 7601-54-9	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ

**California Prop. 65**

This product does not contain any Proposition 65 chemicals

**16. OTHER INFORMATION**

**HMIS**                      Health hazard 1                      Flammability 0                      Stability 0                      PPE B

**Prepared by**                      Michelman, Inc.  
**Revision date**                      04-May-2015  
**Reason for revision**                      No information available

**Disclaimer**

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**End of Safety Data Sheet**