



# SAFETY DATA SHEET

Issuing Date: 22-Dec-2011

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Revision Number: 2

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

Product Code: 07409SSK

Product Name: METHYL AMYL KETONE REDUCER

Hentzen Coatings, Inc.

6937 West Mill Road, Milwaukee, WI 53218-1225

Company Phone Number: 1-414-353-4200

Emergency telephone number ChemTrec 1-800-424-9300

Recommended use of the chemical and restrictions on use Industrial paint (Paint or Paint-Related), Restricted to professional users

## 2. HAZARDS IDENTIFICATION

### Classification

#### OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Acute toxicity - Oral	Category 4
Acute toxicity - Inhalation (Dusts/Mists)	Category 4
Flammable Liquids	Category 3

### Label Elements

#### Emergency Overview

#### WARNING

#### Hazard Statements

Harmful if swallowed

harmful if inhaled

Flammable liquid and vapor



Appearance Clear

Physical state Liquid

Odor Solvent

#### Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling

Do not eat, drink or smoke when using this product

Avoid breathing dust/fume/gas/mist/vapors/spray

Use only outdoors or in a well-ventilated area

Keep away from heat/sparks/open flames/hot surfaces. - No smoking

Keep container tightly closed

Ground/Bond container and receiving equipment

Use explosion-proof electrical/ ventilating/ lighting/ equipment

Use only non-sparking tools

Take precautionary measures against static discharge

Wear protective gloves/protective clothing/eye protection/face protection

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
Call a POISON CENTER or doctor/physician if you feel unwell  
IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell  
Rinse mouth  
In case of fire: Use CO<sub>2</sub>, dry chemical, or foam for extinction

**Precautionary Statements - Storage**

Store in a well-ventilated place. Keep cool

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)****Other information**

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**There are no known carcinogenic chemicals in this product**

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

Chemical Name	CAS No	Weight-%	ACGIH	OSHA
METHYL AMYL KETONE	110-43-0	90% - 100%	TWA: 50 ppm	TWA: 100 ppm TWA: 465 mg/m <sup>3</sup>

### 4. FIRST AID MEASURES

**First Aid Measures**

<b>General advice</b>	Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.
<b>Eye Contact</b>	Immediately flush eyes with water for at least 15 minutes. Get medical attention. If easy to do, remove contact lenses. Keep eye wide open while rinsing. If symptoms persist, call a physician.
<b>Skin Contact</b>	Wash off immediately with plenty of water.
<b>Inhalation</b>	Consult a physician if necessary. If breathing is irregular or stopped, administer artificial respiration. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation.
<b>Ingestion</b>	Do NOT induce vomiting. Call a physician immediately. Never give anything by mouth to an unconscious person.
<b>Self-protection of the first aider</b>	Remove all sources of ignition.
<b>Most important symptoms and effects, both acute and delayed</b>	
<b>Most Important Symptoms and Effects</b>	No information available.
<b>Indication of any immediate medical attention and special treatment needed</b>	
<b>Notes to physician</b>	Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**

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

**Unsuitable Extinguishing Media** No information available.

**Specific hazards arising from the chemical**

Flammable.

**Explosion Data**

**Sensitivity to Mechanical Impact** no data available.

**Sensitivity to Static Discharge** Yes.

**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**

**Personal Precautions**

Evacuate personnel to safe areas. Ensure adequate ventilation. Remove all sources of ignition. Use personal protective equipment as required. Avoid breathing vapors or mists. Ventilate the area.

**Environmental Precautions**

**Environmental Precautions**

Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. Vapors are heavier than air, spread along floors and form explosive mixtures with air.

**Methods and materials for containment and cleaning up**

**Methods for Containment**

Prevent further leakage or spillage if safe to do so.

**Methods for Cleaning Up**

Pick up and transfer to properly labeled containers. Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Soak up with inert absorbent material.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Advice on safe handling**

Ensure adequate ventilation. Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharges. Use explosion-proof electrical (ventilation and lighting) equipment. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). To dissipate static electricity during transfer, ground drum and connect to receiving container with bonding strap. Use only non-sparking tools.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions**

Keep tightly closed in a dry and cool place. Keep in properly labeled containers. Keep away from heat, sparks and flame.

**Incompatible Products**

None known based on information supplied.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters**

**Exposure Guidelines**

Chemical Name	ACGIH	OSHA	NIOSH IDLH
METHYL AMYL KETONE	TWA: 50 ppm	TWA: 100 ppm	IDLH: 800 ppm

110-43-0		TWA: 465 mg/m <sup>3</sup>	TWA: 100 ppm TWA: 465 mg/m <sup>3</sup>
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NIOSH IDLH: Immediately Dangerous to Life or Health

### Exposure controls

**Engineering Measures**                      Showers  
    Eyewash stations  
    Ventilation systems.

### Individual protection measures, such as personal protective equipment

**Eye/Face Protection**                      Use personal protective equipment as required.

**Skin and Body Protection**                Chemical resistant apron.

**Respiratory Protection**                    If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**Hygiene Measures**                              Do not eat, drink or smoke when using this product. Regular cleaning of equipment, work area and clothing is recommended.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state</b>	Liquid	<b>Appearance</b>	Clear
<b>Odor</b>	Solvent.	<b>Odor Threshold</b>	No data available
<b>pH</b>	No data available	<b>Flash Point</b>	102 °F / 39 °C
<b>Decomposition temperature</b>	No data available	<b>Boiling Point</b>	306 °F / 152 °C
<b>Melting Point / Melting Range</b>	No data available	<b>Freezing Point</b>	No data available
<b>Vapor Pressure @20°C (kPa)</b>	No data available	<b>Partition coefficient:</b>	No data available
<b>Vapor Density</b>	No data available	<b>Density</b>	No data available
<b>Bulk density</b>	No data available	<b>Specific Gravity</b>	0.81
<b>Evaporation Rate</b>	No data available	<b>Water solubility</b>	No data available
<b>Dynamic viscosity</b>	No data available	<b>Weight per Gallon (lbs/gal):</b>	6.76
		<b>Flammability Limits in Air</b>	
		<b>Upper</b>	7.9 %
		<b>Lower</b>	1.1 %

## 10. STABILITY AND REACTIVITY

### Reactivity

No data available

### Chemical stability

Stable under recommended storage conditions.

### Conditions to Avoid

Heat, flames and sparks.

### 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**                              The product has not been tested

<b>Inhalation</b>	There is no data for this product.
<b>Eye Contact</b>	There is no data for this product.
<b>Skin Contact</b>	There is no data for this product.
<b>Ingestion</b>	There is no data for this product.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
METHYL AMYL KETONE 110-43-0	1600 mg/kg ( Rat )	12.6 mL/kg ( Rabbit )	2000 ppm ( Rat ) 4 h

**Information on toxicological effects**

**Symptoms** No information available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

<b>Sensitization</b>	No information available.
<b>MUTAGENIC EFFECTS</b>	No information available.
<b>Carcinogenicity</b>	No information available.
<b>Legend:</b>	
<b>Reproductive Toxicity</b>	No information available.
<b>Specific target organ systemic toxicity (single exposure)</b>	No information available.
<b>Specific target organ systemic toxicity (repeated exposure)</b>	No information available.
<b>Target Organ Effects</b>	Central nervous system (CNS), Eyes, Peripheral Nervous System (PNS), Respiratory system, Skin.
<b>Aspiration hazard</b>	No information available.

**Numerical measures of toxicity - Product Information**

The following values are calculated based on chapter 3.1 of the GHS document .

<b>ATEmix (oral)</b>	1600 mg/kg
<b>ATEmix (dermal)</b>	12562 mg/kg
<b>ATEmix (inhalation-dust/mist)</b>	1.5 mg/l
<b>Oral LD50</b>	1600 mg/kg (rat) Estimated
<b>Dermal LD50</b>	12563 mg/kg (rat) Estimated

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to daphnia and other aquatic invertebrates
METHYL AMYL KETONE 110-43-0	N/A	126 - 137: 96 h Pimephales promelas mg/L LC50 flow-through	N/A

**Persistence and degradability**

No information available.

**Bioaccumulation**

No information available.

Chemical Name	Partition coefficient
METHYL AMYL KETONE 110-43-0	1.98

**Other adverse effects** No information available

## 13. DISPOSAL CONSIDERATIONS

**Waste treatment methods**

<b>Waste treatment methods</b>	This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261).
<b>US EPA Waste Number</b>	D001

**14. TRANSPORT INFORMATION****DOT**

<b>UN-No</b>	UN1110
<b>Proper shipping name</b>	n-Amyl methyl ketone
<b>Hazard class</b>	3
<b>Packing Group</b>	III
<b>Special Provisions</b>	B1, IB3, T2, TP1
<b>Description</b>	UN1110, n-Amyl methyl ketone, 3, III
<b>Emergency Response Guide Number</b>	127

**TDG**

<b>UN-No</b>	UN1110
<b>Proper shipping name</b>	n-Amyl methyl ketone
<b>Hazard class</b>	3
<b>Packing Group</b>	III
<b>Description</b>	UN1110, n-Amyl methyl ketone, 3, III

**MEX**

<b>UN-No</b>	UN1110
<b>Proper shipping name</b>	n-Amyl methyl ketone
<b>Hazard class</b>	3
<b>Packing Group</b>	III
<b>Description</b>	UN1110, n-Amyl methyl ketone, 3, III

**ICAO**

<b>UN-No</b>	UN1110
<b>Proper shipping name</b>	n-Amyl methyl ketone
<b>Hazard class</b>	3
<b>Packing Group</b>	III
<b>Description</b>	UN1110, n-Amyl methyl ketone, 3, III

**IATA**

<b>UN-No</b>	UN1110
<b>Hazard class</b>	3
<b>Packing Group</b>	III
<b>ERG Code</b>	3L

**IMDG/IMO**

<b>UN-No</b>	UN1110
<b>Hazard class</b>	3
<b>Packing Group</b>	III
<b>EmS-No</b>	F-E, S-D

**RID**

<b>UN-No</b>	UN1110
<b>Proper shipping name</b>	n-Amyl methyl ketone
<b>Hazard class</b>	3
<b>Packing Group</b>	III
<b>Classification Code</b>	F1

<b>Description</b>	UN1110, n-Amyl methyl ketone, 3, III
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**ADR/RID**

<b>UN-No</b>	UN1110
<b>Proper shipping name</b>	n-Amyl methyl ketone
<b>Hazard class</b>	3
<b>Packing Group</b>	III
<b>Classification Code</b>	F1
<b>Tunnel restriction code</b>	(D/E)
<b>Description</b>	UN1110, n-Amyl methyl ketone, 3, III, (D/E)
<b>ADR/RID-Labels</b>	3

**ADN**

<b>Proper shipping name</b>	n-Amyl methyl ketone
<b>Hazard class</b>	3
<b>Packing Group</b>	III
<b>Classification Code</b>	F1
<b>Description</b>	UN1110, n-Amyl methyl ketone, 3, III
<b>Hazard Labels</b>	3
<b>Limited Quantity (LQ)</b>	5 L
<b>Ventilation</b>	VE01

**15. REGULATORY INFORMATION****International Inventories**

<b>TSCA</b>	Complies
<b>DSL/NDL</b>	Complies
<b>EINECS/ELINCS</b>	Complies
<b>ENCS</b>	Complies
<b>IECSC</b>	Complies
<b>KECL</b>	Complies
<b>PICCS</b>	Complies
<b>AICS</b>	Complies

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory**DSL/NDL** - Canadian Domestic Substances List/Non-Domestic Substances List**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances**ENCS** - Japan Existing and New Chemical Substances**IECSC** - China Inventory of Existing Chemical Substances**KECL** - Korean Existing and Evaluated Chemical Substances**PICCS** - Philippines Inventory of Chemicals and Chemical Substances**AICS** - Australian Inventory of Chemical Substances**US 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**

<b>Acute Health Hazard</b>	Yes
<b>Chronic Health Hazard</b>	No
<b>Fire Hazard</b>	Yes
<b>Sudden Release of Pressure Hazard</b>	No
<b>Reactive Hazard</b>	No

**CAA (Clean Air Act)**

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

**Clean Water Act**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals

**U.S. State Right-to-Know Regulations**

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
METHYL AMYL KETONE	X	X	X	N/A	X

**International Regulations****Mexico - Grade**

Moderate risk, Grade 2

Chemical Name	Carcinogenic Status	Exposure Limits
METHYL AMYL KETONE	N/A	Mexico: TWA 50 ppm Mexico: TWA 235 mg/m <sup>3</sup> Mexico: STEL 100 ppm Mexico: STEL 465 mg/m <sup>3</sup>

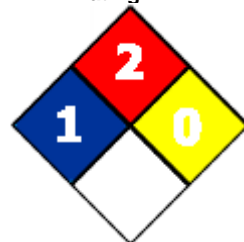
**16. OTHER INFORMATION****NFPA**

Health Hazard 1

Flammability 2

Instability 0

Physical and Chemical Hazards -

**NFPA Rating****HMIS**

Health Hazard 1

Flammability 2

Physical Hazard 0

Personal protection X

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Revision Note

No information available

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage,



transportation, disposal and release and is not to be considered a warranty or quality specification. The 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, unless specified in the text. 07409SSK

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