

# SAFETY DATA SHEET

Issue Date 24-Apr-2015 Revision Date 19-Nov-2015 Version 1

## 1. IDENTIFICATION

Product identifier

Product Name Voice Coil Bonder 360

Other means of identification

Product Code MS-360 UN/ID no. UN1133 Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Adhesives.
Uses advised against None known

Details of the supplier of the safety data sheet

Manufacturer Address Hernon Manufacturing Inc. 121 Tech Drive Sanford, FL 32771 800-527-0004

Emergency telephone number

Company Phone Number 407-322-4000

Emergency Telephone Chemtel 800-255-3924

## 2. HAZARDS IDENTIFICATION

## Classification

## **OSHA Regulatory Status**

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Acute toxicity - Oral	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1
Skin sensitization	Category 1
Germ cell mutagenicity	Category 2
Carcinogenicity	Category 1A
Specific target organ toxicity (single exposure)	Category 3
Specific target organ toxicity (repeated exposure)	Category 2
Flammable liquids	Category 2

## Label elements

### **Emergency Overview**

## Warning

#### Hazard statements

Harmful if swallowed Causes skin irritation Causes serious eye damage May cause an allergic skin reaction Suspected of causing genetic defects

May cause cancer

May cause drowsiness or dizziness

May cause damage to organs through prolonged or repeated exposure

Highly flammable liquid and vapor



Appearance Black Physical state liquid Odor Solvent

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

Obtain special instructions before use

Do not handle until all safety precautions have been read and understood

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

Wash face, hands and any exposed skin thoroughly after handling

Do not eat, drink or smoke when using this product

Contaminated work clothing must not be allowed out of the workplace

Do not breathe 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

Keep cool

#### **Precautionary Statements - Response**

IF exposed or concerned: Get medical advice/attention

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing Immediately call a POISON CENTER or doctor

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

Wash contaminated clothing before reuse

If skin irritation or rash occurs: Get medical advice/attention

IF INHALED: Remove person to fresh air and keep comfortable for breathing

IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell

Rinse mouth

In case of fire: Use CO2, dry chemical, or foam to extinguish

## **Precautionary Statements - Storage**

Store locked up

Store in a well-ventilated place. Keep container tightly closed

## **Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

#### Hazards not otherwise classified (HNOC)

Not applicable

#### Other Information

Harmful to aquatic life with long lasting effects Toxic to aquatic life

May cause severe eye irritation.

May be harmful if absorbed through the skin. May cause defatting and irritation of the skin.

May cause severe irritation of the upper respiratory tract. May cause irritation of the respiratory system and continued exposure may cause unconsciousness.

May be harmful if swallowed. May cause gastrointestinal irritation, nausea and vomiting.

#### 3. COMPOSITION/INFORMATION ON INGREDIENTS

### Substance

Chemical Name	CAS No.	Weight-%	Trade Secret
Methyl ethyl ketone	78-93-3	30-50	*
Isopropyl alcohol	67-63-0	15-20	*
Phenol	108-95-2	1 - 5	*
CARBON BLACK	1333-86-4	1 - 5	*
o-Cresol	95-48-7	0.1 - 1	*
Formaldehyde	50-00-0	0.1 - 1	*

<sup>\*</sup>The exact percentage (concentration) of composition has been withheld as a trade secret.

## 4. FIRST AID MEASURES

## **Description of first aid measures**

Eye contact Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids.

Consult a physician.

**Skin contact** Wash with soap and water. Flush skin with water for several minutes. Remove

contaminated clothing and shoes. If irritation develops, seek medical attention.

**Inhalation** Remove to fresh air. If breathing is difficult, give oxygen. If breathing has stopped, give

artificial respiration. Get medical attention immediately.

Ingestion Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a

POISON CENTER or doctor/physician if you feel unwell.

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

**Symptoms** Eye irritation. Skin irritation. Respiratory irritation.

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

**Note to physicians** Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

#### Suitable extinguishing media

Use CO2, dry chemical, or foam.

Unsuitable extinguishing media No information available.

#### Specific hazards arising from the chemical

No information available.

Hazardous combustion products Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

### Explosion data

Sensitivity to Mechanical Impact None.
Sensitivity to Static Discharge None.

#### 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

Use personal protective equipment as required. Ensure adequate ventilation, especially in

confined areas.

Environmental precautions

**Environmental precautions**Do not allow into any sewer, on the ground or into any body of water. See Section 12 for

additional ecological information.

### Methods and material for containment and cleaning up

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Eliminate all ignition sources. Dike and contain spill with inert material. (e.g. sand, earth).

Transfer liquids to covered metal containers for recovery or disposal, or remove with inert absorbent. Use only non-sparking tools. Place absorbent diking materials in covered metal

containers for disposal.

#### 7. HANDLING AND STORAGE

## Precautions for safe handling

Advice on safe handling Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric

motors and static electricity). Avoid breathing vapors or mists. Avoid contact with skin, eyes

or clothing.

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

**Storage Conditions** Store between 32°F and 115°F.

Incompatible materials Strong acids. Strong bases.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

## Control parameters

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

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Methyl ethyl ketone	STEL: 300 ppm	TWA: 200 ppm	IDLH: 3000 ppm
78-93-3	TWA: 200 ppm	TWA: 590 mg/m <sup>3</sup>	TWA: 200 ppm
		(vacated) TWA: 200 ppm	TWA: 590 mg/m <sup>3</sup>
		(vacated) TWA: 590 mg/m <sup>3</sup>	STEL: 300 ppm
		(vacated) STEL: 300 ppm	STEL: 885 mg/m <sup>3</sup>
		(vacated) STEL: 885 mg/m <sup>3</sup>	
Isopropyl alcohol	STEL: 400 ppm	TWA: 400 ppm	IDLH: 2000 ppm
67-63-0	TWA: 200 ppm	TWA: 980 mg/m <sup>3</sup>	TWA: 400 ppm
		(vacated) TWA: 400 ppm	TWA: 980 mg/m <sup>3</sup>
		(vacated) TWA: 980 mg/m <sup>3</sup>	STEL: 500 ppm
		(vacated) STEL: 500 ppm	STEL: 1225 mg/m <sup>3</sup>
		(vacated) STEL: 1225 mg/m <sup>3</sup>	
Phenol	TWA: 5 ppm	TWA: 5 ppm	IDLH: 250 ppm
108-95-2	S*	TWA: 19 mg/m <sup>3</sup>	Ceiling: 15.6 ppm 15 min
		(vacated) TWA: 5 ppm	Ceiling: 60 mg/m <sup>3</sup> 15 min

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		(vacated) TWA: 19 mg/m <sup>3</sup>	TWA: 5 ppm
		(vacated) S*	TWA: 19 mg/m <sup>3</sup>
		S*	
CARBON BLACK	TWA: 3 mg/m <sup>3</sup> inhalable fraction	TWA: 3.5 mg/m <sup>3</sup>	IDLH: 1750 mg/m <sup>3</sup>
1333-86-4		(vacated) TWA: 3.5 mg/m <sup>3</sup>	TWA: 3.5 mg/m <sup>3</sup>
		, ,	TWA: 0.1 mg/m <sup>3</sup> Carbon black in
			presence of Polycyclic aromatic
			hydrocarbons PAH
o-Cresol	TWA: 20 mg/m <sup>3</sup> inhalable fraction	-	IDLH: 250 ppm
95-48-7	and vapor		TWA: 2.3 ppm
	S*		TWA: 10 mg/m <sup>3</sup>
Formaldehyde	Ceiling: 0.3 ppm	TWA: 0.75 ppm	IDLH: 20 ppm
50-00-0		(vacated) TWA: 3 ppm unless	Ceiling: 0.1 ppm 15 min
		specified in 1910.1048	TWA: 0.016 ppm
		(vacated) STEL: 10 ppm 30 min	
		unless specified in 1910.1048	
		(vacated) Ceiling: 5 ppm unless	
		specified in 1910.1048	
		STEL: 2 ppm see 29 CFR	
		1910.1048	

#### **Appropriate engineering controls**

**Engineering Controls** Showers

> Eyewash stations Ventilation systems.

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

Wear safety glasses with side shields (or goggles). Eye/face protection

Skin and body protection Wear protective gloves and protective clothing. Use rubber or plastic gloves.

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.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

## Information on basic physical and chemical properties

Physical state liquid

**Appearance** No information available Odor Solvent

Color **Odor threshold** black No information available

**Property** Values Remarks • Method

Does not apply

No information available Melting point / freezing point Boiling point / boiling range > 79 °C / 174 °F

Flash point -7 °C / 20 °F

**Evaporation rate** Slower

Flammability (solid, gas) No information available Flammability Limit in Air

**Upper flammability limit:** 11.5% (based on solvent)

Lower flammability limit: 1.8% (based on solvent) Not applicable Vapor pressure

Vapor density Heavier than air Relative density 0.9 (Water = 1)Water solubility Soluble in water

Solubility in other solvents No information available

Partition coefficient
Autoignition temperature
Decomposition temperature
Kinematic viscosity
Dynamic viscosity
Explosive properties
No information available

## **Other Information**

Softening pointNo information availableMolecular weightNo information available

VOC Content (%) 574 g/L

DensityNo information availableBulk densityNo information available

## 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**

Excessive heat. Storage near to reactive materials.

## Incompatible materials

Strong acids. Strong bases.

## **Hazardous Decomposition Products**

Carbon monoxide. Carbon dioxide (CO2).

## 11. TOXICOLOGICAL INFORMATION

## Information on likely routes of exposure

Product Information No data available

**Inhalation** No data available.

**Eye contact** No data available.

**Skin contact** No data available.

**Ingestion** No data available.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Methyl ethyl ketone 78-93-3	= 2737 mg/kg (Rat) = 2483 mg/kg (Rat)	= 5000 mg/kg (Rabbit) = 6480 mg/kg (Rabbit)	= 11700 ppm (Rat) 4 h
Isopropyl alcohol 67-63-0	= 1870 mg/kg (Rat)	= 4059 mg/kg (Rabbit)	= 72600 mg/m <sup>3</sup> (Rat) 4 h
Phenol 108-95-2	= 340 mg/kg (Rat) = 317 mg/kg ( Rat)	= 630 mg/kg (Rabbit)	= 316 mg/m <sup>3</sup> (Rat) 4 h
CARBON BLACK 1333-86-4	> 15400 mg/kg (Rat)	> 3 g/kg (Rabbit)	-
o-Cresol 95-48-7	= 121 mg/kg (Rat)	= 890 mg/kg (Rabbit)	> 1220 mg/m³ (Rat ) 1 h
Formaldehyde 50-00-0	= 100 mg/kg (Rat)	= 270 mg/kg (Rabbit)	= 0.578 mg/L (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

Sensitization No information available. Germ cell mutagenicity No information available. Carcinogenicity No information available.

Chemical Name	ACGIH	IARC	NTP	OSHA
Isopropyl alcohol	-	Group 3	-	X
67-63-0				
Phenol	-	Group 3	-	-
108-95-2				
CARBON BLACK	A3	Group 2B	-	X
1333-86-4				
Formaldehyde	A2	Group 1	Known	X
50-00-0				

Reproductive toxicity No information available. STOT - single exposure No information available. STOT - repeated exposure No information available. Aspiration hazard No information available.

#### Numerical measures of toxicity - Product Information

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

ATEmix (oral) 1,632.00 mg/kg ATEmix (dermal) 6,375.00 mg/kg ATEmix (inhalation-gas) 90,278.00 mg/l ATEmix (inhalation-dust/mist) 7.33 mg/l ATEmix (inhalation-vapor) 56.07 mg/l

## 12. ECOLOGICAL INFORMATION

#### **Ecotoxicity**

Harmful to aquatic life with long lasting effects

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Methyl ethyl ketone 78-93-3	-	3130 - 3320: 96 h Pimephales promelas mg/L LC50 flow-through	4025 - 6440: 48 h Daphnia magna mg/L EC50 Static 5091: 48 h Daphnia magna mg/L EC50 520: 48
Isopropyl alcohol 67-63-0	1000: 96 h Desmodesmus subspicatus mg/L EC50 1000: 72 h Desmodesmus subspicatus mg/L EC50	9640: 96 h Pimephales promelas mg/L LC50 flow-through 1400000: 96 h Lepomis macrochirus µg/L LC50 11130: 96 h Pimephales promelas mg/L LC50 static	h Daphnia magna mg/L EC50 13299: 48 h Daphnia magna mg/L EC50
Phenol 108-95-2	46.42: 96 h Pseudokirchneriella subcapitata mg/L EC50 187 - 279: 72 h Desmodesmus subspicatus mg/L EC50 static 0.0188 - 0.1044: 96 h Pseudokirchneriella subcapitata mg/L EC50 static	11.9 - 50.5: 96 h Pimephales promelas mg/L LC50 flow-through 20.5 - 25.6: 96 h Pimephales promelas mg/L LC50 static 5.0 - 12.0: 96 h Oncorhynchus mykiss mg/L LC50 13.5: 96 h Lepomis macrochirus mg/L LC50 static 31: 96 h Poecilia reticulata mg/L LC50 semi-static 5.449 - 6.789: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 11.9 - 25.3: 96 h Lepomis macrochirus mg/L LC50 flow-through 11.5: 96 h Lepomis macrochirus mg/L LC50 semi-static 27.8: 96 h Brachydanio rerio mg/L LC50 23.4 - 36.6: 96 h Oryzias latipes mg/L LC50 static 32: 96 h	10.2 - 15.5: 48 h Daphnia magna mg/L EC50 4.24 - 10.7: 48 h Daphnia magna mg/L EC50 Static

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		Pimephales promelas mg/L LC50	
		7.5 - 14: 96 h Oncorhynchus mykiss	
		mg/L LC50 static 4.23 - 7.49: 96 h	
		Oncorhynchus mykiss mg/L LC50	
		semi-static 34.09 - 47.64: 96 h	
		Poecilia reticulata mg/L LC50 static	
		33.9 - 43.3: 96 h Oryzias latipes	
		mg/L LC50 flow-through 0.00175:	
		96 h Cyprinus carpio mg/L LC50	
		semi-static	
CARBON BLACK	_	-	5600: 24 h Daphnia magna mg/L
1333-86-4			EC50
Formaldehyde	-	22.6 - 25.7: 96 h Pimephales	11.3 - 18: 48 h Daphnia magna
50-00-0		promelas mg/L LC50 flow-through	mg/L EC50 Static 2: 48 h Daphnia
		41: 96 h Brachydanio rerio mg/L	magna mg/L LC50
		LC50 static 1510: 96 h Lepomis	
		macrochirus µg/L LC50 static 100 -	
		136: 96 h Oncorhynchus mykiss	
		mg/L LC50 static 23.2 - 29.7: 96 h	
		Pimephales promelas mg/L LC50	
		static 0.032 - 0.226: 96 h	
		Oncorhynchus mykiss mL/L LC50	
		flow-through	
o-Cresol	65: 96 h Pseudokirchneriella	9.72 - 15.92: 96 h Pimephales	15.8: 48 h Daphnia magna mg/L
95-48-7	subcapitata mg/L EC50	promelas mg/L LC50 flow-through	EC50 Static 9.5: 48 h Daphnia
	J	14.07 - 23.61: 96 h Poecilia	magna mg/L EC50
		reticulata mg/L LC50 static 18.37 -	g
		24.21: 96 h Lepomis macrochirus	
		mg/L LC50 static 24: 96 h	
		Brachydanio rerio mg/L LC50 8.4:	
		96 h Oncorhynchus mykiss mg/L	
		LC50 flow-through 11.5: 96 h	
		Lepomis macrochirus mg/L LC50	

## Persistence and degradability

No information available.

## **Bioaccumulation**

No information available.

Chemical Name	Partition coefficient
Methyl ethyl ketone	0.29
78-93-3	
Isopropyl alcohol	0.05
67-63-0	
Phenol	1.47
108-95-2	
o-Cresol	1.95
95-48-7	
Formaldehyde	0.35
50-00-0	

Other adverse effects No information available

## 13. DISPOSAL CONSIDERATIONS

## Waste treatment methods

Disposal of wastes Disposal should be in accordance with applicable regional, national and local laws and

regulations.

Contaminated packaging Do not reuse container.

Chemical Name	RCRA	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes
Methyl ethyl ketone	U159	Included in waste streams:	200.0 mg/L regulatory level	U159

78-93-3		F005, F039		
Phenol 108-95-2	U188	Included in waste streams: F039, K001, K022, K087	-	U188
		Included in waste stream: K060		
Formaldehyde 50-00-0	U122	Included in waste streams: K009, K010, K038, K040, K156, K157	-	U122
o-Cresol 95-48-7	-	Included in waste stream: F039	200.0 mg/L regulatory level	-

Chemical Name	California Hazardous Waste Status
Methyl ethyl ketone	Toxic
78-93-3	Ignitable
Isopropyl alcohol	Toxic
67-63-0	Ignitable
Phenol	Toxic
108-95-2	Corrosive
Formaldehyde	Toxic
50-00-0	Ignitable

## 14. TRANSPORT INFORMATION

DOT

UN/ID no. UN1133
Proper shipping name Adhesives

Hazard Class 3
Packing Group ||

Reportable Quantity (RQ) Methyl ethyl ketone, o-Cresol

Special Provisions None

<u>IATA</u>

UN/ID no. UN1133
Proper shipping name Adhesives

Hazard Class 3
Packing Group II
Special Provisions None

**IMDG** 

UN/ID no. UN1133
Proper shipping name Adhesives

Hazard Class 3
Packing Group II
Special Provisions None

RID

UN/ID no. UN1133
Proper shipping name Adhesives

Hazard Class 3
Packing Group II
Special Provisions None

<u>ADR</u>

UN/ID no. UN1133
Proper shipping name Adhesives

Hazard Class 3
Packing Group II
Special Provisions None

## 15. REGULATORY INFORMATION

**International Inventories TSCA** Complies DSL/NDSL Complies **EINECS/ELINCS** Complies Complies **ENCS IECSC** Complies **KECL** Complies Complies **PICCS AICS** Complies

All ingredients are on the inventory or are exempt from listing.

### Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - 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 contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	SARA 313 - Threshold Values %
Isopropyl alcohol - 67-63-0	1.0
Phenol - 108-95-2	1.0
o-Cresol - 95-48-7	1.0
Formaldehyde - 50-00-0	0.1

#### 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

#### **CWA (Clean Water Act)**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Phenol	1000 lb	X	X	X
108-95-2				
o-Cresol 95-48-7	-	-	-	Х
Formaldehyde 50-00-0	100 lb	-	-	Х

## **CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Methyl ethyl ketone	5000 lb	-	RQ 5000 lb final RQ
78-93-3			RQ 2270 kg final RQ

Phenol	1000 lb	1000 lb	RQ 1000 lb final RQ
108-95-2			RQ 454 kg final RQ
o-Cresol	100 lb	100 lb	RQ 100 lb final RQ
95-48-7			RQ 45.4 kg final RQ
Formaldehyde	100 lb	100 lb	RQ 100 lb final RQ
50-00-0			RQ 45.4 kg final RQ

#### **US State Regulations**

### **California Proposition 65**

This product contains the following Proposition 65 chemicals

Chemical Name	California Proposition 65	
CARBON BLACK - 1333-86-4	Carcinogen	
Formaldehyde - 50-00-0	Carcinogen	

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

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Methyl ethyl ketone 78-93-3	X	X	X
Isopropyl alcohol 67-63-0	Х	Х	Х
Phenol 108-95-2	Х	X	Х
CARBON BLACK 1333-86-4	Х	X	Х
o-Cresol 95-48-7	Х	Х	Х
Formaldehyde 50-00-0	Х	Х	Х

#### **U.S. EPA Label Information**

**EPA Pesticide Registration Number** Not applicable

## 16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

NFPA Health hazards 0 Flammability 0 Instability 0 Physical and Chemical

Properties -

HMIS Health hazards 2 Flammability 2 Physical hazards 0 Personal protection X

Prepared By SDS coordinator Issue Date 24-Apr-2015
Revision Date 19-Nov-2015
Revision Note

No information available

## **Disclaimer**

The information provided in this Material 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.

**End of Safety Data Sheet**