MATERION

SAFETY DATA SHEET

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

1.1. Product identifier

Name of the substance Bismuth Stannate Powder **Identification number** 234-562-5 (EC number)

Registration number **Document number** 1DT **Synonyms** None. **Materion Code** 1DT

Issue date 09-May-2015 10-January-2018 **Revision date**

1.3. Details of the supplier of the safety data sheet

Supplier

Company name Materion Advanced Chemicals Inc.

Address 407 N. 13th Street

> 1316 W. St. Paul Avenue Milwaukee, WI 53233

United States

Division Milwaukee **Telephone** 414.212.0257

e-mail advancedmaterials@materion.com

Contact person Laura Hamilton

1.4. Emergency telephone

number

Supersedes date 09-May-2015

Version number

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

Identified uses Not available. Uses advised against None known.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

The substance has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

Classification according to Regulation (EC) No 1272/2008 as amended

This substance does not meet the criteria for classification according to Regulation (EC) 1272/2008 as amended

Hazard summary Not available.

2.2. Label elements

Label according to Regulation (EC) No. 1272/2008 as amended

Bismuth Stannate **Contains:**

Hazard pictograms None. Signal word None.

Hazard statements The substance does not meet the criteria for classification.

Precautionary statements

Prevention Observe good industrial hygiene practices.

Response Wash hands after handling.

Storage Store away from incompatible materials.

Disposal Dispose of waste and residues in accordance with local authority requirements.

Supplemental label

information

None.

2.3. Other hazards None known.

Material name: Bismuth Stannate Powder

SECTION 3: Composition/information on ingredients

3.1. Substances

General information

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
Bismuth Stannate	90 - 100	12010-67-2 234-562-5	-	-	#
Classification: -					

List of abbreviations and symbols that may be used above

CLP: Regulation No. 1272/2008. DSD: Directive 67/548/EEC.

M: M-factor

vPvB: very persistent and very bioaccumulative substance. PBT: persistent, bioaccumulative and toxic substance.

#: This substance has been assigned Community workplace exposure limit(s).

SECTION 4: First aid measures

General information Ensure that medical personnel are aware of the material(s) involved, and take precautions to

protect themselves.

4.1. Description of first aid measures

Inhalation Move to fresh air. Call a physician if symptoms develop or persist.

Skin contact Wash off with soap and water. Get medical attention if irritation develops and persists.

Eye contact Rinse with water. Get medical attention if irritation develops and persists.

Ingestion Rinse mouth. Get medical attention if symptoms occur. 4.2. Most important Direct contact with eyes may cause temporary irritation.

symptoms and effects, both

acute and delayed

4.3. Indication of any immediate medical attention

and special treatment

needed

Treat symptomatically.

SECTION 5: Firefighting measures

General fire hazards No unusual fire or explosion hazards noted.

5.1. Extinguishing media

Suitable extinguishing

media

Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).

Unsuitable extinguishing

media

Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or

mixture

During fire, gases hazardous to health may be formed.

5.3. Advice for firefighters

Special protective equipment for firefighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Special firefighting

procedures

Move containers from fire area if you can do so without risk.

Specific methods Use standard firefighting procedures and consider the hazards of other involved materials.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency

personnel

Keep unnecessary personnel away.

For emergency responders

Keep unnecessary personnel away.

6.2. Environmental

Avoid discharge into drains, water courses or onto the ground.

precautions

Stop the flow of material, if this is without risk. Following product recovery, flush area with water.

6.3. Methods and material for containment and cleaning up

Material name: Bismuth Stannate Powder 2/9

1DT Version #: 02 Revision date: 10-January-2018 Issue date: 09-May-2015

6.4. Reference to other sections

Not available.

SECTION 7: Handling and storage

7.1. Precautions for safe

handling

Avoid prolonged exposure. Observe good industrial hygiene practices.

7.2. Conditions for safe storage, including any incompatibilities

Store in original tightly closed container.

7.3. Specific end use(s) Not available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

Austria. MAK List, OEL Ordinance (GwV), BGBl. II, no. 184/2001				
Material	Туре	Value	Form	
Bismuth Stannate (CAS 12010-67-2)	MAK	2 mg/m3	Inhalable fraction.	
	STEL	4 mg/m3	Inhalable fraction.	
Belgium. Exposure Limit Values.				
Material	Туре	Value		
Bismuth Stannate (CAS 12010-67-2)	TWA	2 mg/m3		

Bulgaria. OELs. Regulation No 13 on protection of workers against risks of exposure to chemical agents at work **Material** Type **Value** Bismuth Stannate (CAS **TWA** 2 mg/m3 12010-67-2)

Czech Republic, OELs, Government Decree 361

Material	Type	Value	
Bismuth Stannate (CAS 12010-67-2)	Ceiling	4 mg/m3	
	TWA	2 mg/m3	
Denmark. Exposure Limit Values			
Material	Туре	Value	
Bismuth Stannate (CAS	TLV	2 mg/m3	

12010-67-2)
Estonia. OELs. Occupational Exposure Limits of Hazardous Substances. (Annex of Regulation No. 293 of 18
Sentember 2001)

Material	Туре	Value
Bismuth Stannate (CAS 12010-67-2)	TWA	2 mg/m3

Finland Workplace Exposure Limite

Material	Туре	Value
Bismuth Stannate (CAS 12010-67-2)	TWA	2 mg/m3

Germany. TRGS 900, Limit Values in the Ambient Air at the Workplace

Material	Туре	Value	Form
Bismuth Stannate (CAS	AGW	2 mg/m3	Inhalable fraction.
12010-67-2)			

Greece. OELs (Decree No. 90/1999, as Material	amended) Type	Value
Bismuth Stannate (CAS 12010-67-2)	TWA	2 mg/m3

Material name: Bismuth Stannate Powder

Material	Туре	Value	
Bismuth Stannate (CAS 12010-67-2)	STEL	8 mg/m3	
	TWA	2 mg/m3	
Iceland. OELs. Regulation 154			
Material	Туре	Value	
Bismuth Stannate (CAS 12010-67-2)	TWA	2 mg/m3	
Ireland. Occupational Exposure Material	e Limits Type	Value	
Bismuth Stannate (CAS 12010-67-2)	TWA	2 mg/m3	
Latvia. OELs. Occupational exp		_	nment
Material	Туре	Value	
Bismuth Stannate (CAS 12010-67-2)	TWA	2 mg/m3	
Lithuania. OELs. Limit Values f Material	or Chemical Substances, Gen Type	eral Requirements Value	
Bismuth Stannate (CAS 12010-67-2)	TWA	2 mg/m3	
Luxembourg. Binding Occupati Material	onal exposure limit values (A Type	nnex I), Memorial A Value	
Bismuth Stannate (CAS	TWA	2 mg/m3	
12010-67-2)			
Malta. OELs. Occupational Expo 424), Schedules I and V)	·	-	Safety Authority Act (
Malta. OELs. Occupational Expo 424), Schedules I and V) Material	Туре	Value	Safety Authority Act (
Malta. OELs. Occupational Expo 424), Schedules I and V) Material Bismuth Stannate (CAS	·	-	Safety Authority Act (
Malta. OELs. Occupational Expo 424), Schedules I and V) Material Bismuth Stannate (CAS 12010-67-2) Norway. Administrative Norms	Type TWA	Value 2 mg/m3	Safety Authority Act (
Malta. OELs. Occupational Expo 424), Schedules I and V) Material Bismuth Stannate (CAS 12010-67-2) Norway. Administrative Norms Material Bismuth Stannate (CAS	Type TWA for Contaminants in the Wor	Value 2 mg/m3 kplace	Safety Authority Act (
Malta. OELs. Occupational Expo 424), Schedules I and V) Material Bismuth Stannate (CAS 12010-67-2) Norway. Administrative Norms Material Bismuth Stannate (CAS 12010-67-2) Ordinance of the Minister of La	Type TWA for Contaminants in the Wor Type TLV bour and Social Policy on 6 Je	Value 2 mg/m3 kplace Value 2 mg/m3 une 2014 on the maximum	permissible concentra
Malta. OELs. Occupational Expense 424), Schedules I and V) Material Bismuth Stannate (CAS 12010-67-2) Norway. Administrative Norms Material Bismuth Stannate (CAS 12010-67-2) Ordinance of the Minister of La and intensities of harmful heal	Type TWA for Contaminants in the Wor Type TLV bour and Social Policy on 6 Je	Value 2 mg/m3 kplace Value 2 mg/m3 une 2014 on the maximum	permissible concentra
Malta. OELs. Occupational Expo 424), Schedules I and V) Material Bismuth Stannate (CAS 12010-67-2) Norway. Administrative Norms Material Bismuth Stannate (CAS 12010-67-2) Ordinance of the Minister of La and intensities of harmful heal Material Bismuth Stannate (CAS	Type TWA for Contaminants in the Wor Type TLV bour and Social Policy on 6 Ju th factors in the work environ	Value 2 mg/m3 kplace Value 2 mg/m3 une 2014 on the maximum pament, Journal of Laws 2014	permissible concentra 4, item 817
Malta. OELs. Occupational Expo 424), Schedules I and V) Material Bismuth Stannate (CAS 12010-67-2) Norway. Administrative Norms Material Bismuth Stannate (CAS 12010-67-2) Ordinance of the Minister of La and intensities of harmful heal Material Bismuth Stannate (CAS 12010-67-2) Portugal. OELs. Decree-Law n.	Type TWA for Contaminants in the Wor Type TLV bour and Social Policy on 6 Ju th factors in the work environ Type TWA	Value 2 mg/m3 kplace Value 2 mg/m3 une 2014 on the maximum place himent, Journal of Laws 2014 Value 2 mg/m3	permissible concentra 4, item 817 Form
Malta. OELs. Occupational Expenses 424), Schedules I and V) Material Bismuth Stannate (CAS 12010-67-2) Norway. Administrative Norms Material Bismuth Stannate (CAS 12010-67-2) Ordinance of the Minister of La and intensities of harmful heal Material Bismuth Stannate (CAS 12010-67-2) Portugal. OELs. Decree-Law n. Material Bismuth Stannate (CAS	Type TWA for Contaminants in the Wor Type TLV bour and Social Policy on 6 Ju th factors in the work environ Type TWA 290/2001 (Journal of the Re	Value 2 mg/m3 kplace Value 2 mg/m3 une 2014 on the maximum pament, Journal of Laws 2014 Value 2 mg/m3 public - 1 Series A, n.266)	permissible concentra 4, item 817 Form
Malta. OELs. Occupational Expo 424), Schedules I and V) Material Bismuth Stannate (CAS 12010-67-2) Norway. Administrative Norms Material Bismuth Stannate (CAS 12010-67-2) Ordinance of the Minister of La and intensities of harmful heal Material Bismuth Stannate (CAS 12010-67-2) Portugal. OELs. Decree-Law n. Material Bismuth Stannate (CAS 12010-67-2) Portugal. VLEs. Norm on occup	Type TWA for Contaminants in the Wor Type TLV bour and Social Policy on 6 Jeth factors in the work enviror Type TWA 290/2001 (Journal of the Rep Type TWA	Value 2 mg/m3 kplace Value 2 mg/m3 une 2014 on the maximum pament, Journal of Laws 2014 Value 2 mg/m3 public - 1 Series A, n.266) Value 2 mg/m3	permissible concentra 4, item 817 Form
Malta. OELs. Occupational Expenses 424), Schedules I and V) Material Bismuth Stannate (CAS 12010-67-2) Norway. Administrative Norms Material Bismuth Stannate (CAS 12010-67-2) Ordinance of the Minister of La and intensities of harmful heal Material Bismuth Stannate (CAS 12010-67-2) Portugal. OELs. Decree-Law n. Material Bismuth Stannate (CAS 12010-67-2) Portugal. VLEs. Norm on occup Material Bismuth Stannate (CAS	Type TWA for Contaminants in the Wor Type TLV bour and Social Policy on 6 Ju th factors in the work enviror Type TWA 290/2001 (Journal of the Re Type TWA TWA ational exposure to chemical	Value 2 mg/m3 kplace Value 2 mg/m3 une 2014 on the maximum planent, Journal of Laws 2014 Value 2 mg/m3 public - 1 Series A, n.266) Value 2 mg/m3 agents (NP 1796)	permissible concentra 4, item 817 Form
Malta. OELs. Occupational Expo 424), Schedules I and V) Material Bismuth Stannate (CAS 12010-67-2) Norway. Administrative Norms Material Bismuth Stannate (CAS 12010-67-2) Ordinance of the Minister of La and intensities of harmful heal Material Bismuth Stannate (CAS 12010-67-2) Portugal. OELs. Decree-Law n. Material Bismuth Stannate (CAS 12010-67-2) Portugal. VLEs. Norm on occup Material Bismuth Stannate (CAS 12010-67-2) Portugal. VLEs. Norm on occup Material Bismuth Stannate (CAS 12010-67-2) Romania. OELs. Protection of w Material	Type TWA for Contaminants in the Worn Type TLV bour and Social Policy on 6 Jeth factors in the work environ Type TWA 290/2001 (Journal of the Rep Type TWA ational exposure to chemical Type TWA	Value 2 mg/m3 kplace Value 2 mg/m3 une 2014 on the maximum planent, Journal of Laws 2014 Value 2 mg/m3 public - 1 Series A, n.266) Value 2 mg/m3 agents (NP 1796) Value 2 mg/m3	permissible concentra 4, item 817 Form Inhalable fraction.

Material name: Bismuth Stannate Powder

SDS EU 1DT Version #: 02 Revision date: 10-January-2018 Issue date: 09-May-2015

Material	n No. 300/2007 concerning protection Type	Value	chemical agents
Bismuth Stannate (CAS 12010-67-2)	STEL	4 mg/m3	
	TWA	2 mg/m3	
working (Official Gazette	ns concerning protection of workers of the Republic of Slovenia)		sure to chemicals while
Material	Туре	Value	
Bismuth Stannate (CAS 12010-67-2)	TWA	2 mg/m3	
Spain. Occupational Expo Material	sure Limits Type	Value	
Bismuth Stannate (CAS 12010-67-2)	TWA	2 mg/m3	
Sweden. OELs. Work Envi Material	ronment Authority (AV), Occupation Type	al Exposure Limit Values Value	(AFS 2015:7) Form
Bismuth Stannate (CAS 12010-67-2)	TWA	2 mg/m3	Inhalable dust.
Switzerland. SUVA Grenz	<u>=</u>		F
Material	Туре	Value	Form
Bismuth Stannate (CAS 12010-67-2)	STEL	4 mg/m3	Inhalable dust.
	TWA	2 mg/m3	Inhalable dust.
UK. EH40 Workplace Expo Material	osure Limits (WELs) Type	Value	
Bismuth Stannate (CAS 12010-67-2)	STEL	4 mg/m3	
	TWA	2 mg/m3	
EU. Indicative Exposure L Material	imit Values in Directives 91/322/EE0. Type	C, 2000/39/EC, 2006/15, Value	EC, 2009/161/EU
Bismuth Stannate (CAS 12010-67-2)	TWA	2 mg/m3	
logical limit values	No biological exposure limits noted for	the ingredient(s).	
commended monitoring cedures	Follow standard monitoring procedures	5.	
ived no effect levels IELs)	Not available.		
dicted no effect centrations (PNECs)	Not available.		
. Exposure controls			
oropriate engineering trols	Good general ventilation (typically 10 a be matched to conditions. If applicable engineering controls to maintain airbor limits have not been established, main	e, use process enclosures, loc rne levels below recommende	al exhaust ventilation, or other ed exposure limits. If exposure
=	es, such as personal protective equip		
General information	Personal protection equipment should with the supplier of the personal prote	ctive equipment.	CEN standards and in discussion
Eye/face protection	Wear safety glasses with side shields (or goggles).	
Skin protection			
- Hand protection	Wear appropriate chemical resistant gl supplier.	oves. Suitable gloves can be	recommended by the glove
- Other	Wear suitable protective clothing.		
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.		
Thermal hazards	Wear appropriate thermal protective cl	othing, when necessary.	

Material name: Bismuth Stannate Powder

1DT Version #: 02 Revision date: 10-January-2018 Issue date: 09-May-2015 5 / 9

Hygiene measures Always observe good personal hygiene measures, such as washing after handling the material and

before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to

remove contaminants.

Environmental exposure

controls

Environmental manager must be informed of all major releases.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Solid. **Physical state**

Solid. Powder. **Form** Colour Not available. Odour Not available. **Odour threshold** Not available. Not available. рH Melting point/freezing point Not available. Initial boiling point and Not available.

boiling range

Flash point Not available. **Evaporation rate** Not available. Flammability (solid, gas) Not available. Upper/lower flammability or explosive limits

Flammability limit - lower

(%)

Flammability limit -

upper (%)

Not available.

Not available.

Not available. Vapour pressure Vapour density Not available. **Relative density** Not available.

Solubility(ies)

Solubility (water) Not available. **Partition coefficient** Not available. (n-octanol/water)

Not available. **Auto-ignition temperature** Not available. **Decomposition temperature Viscosity** Not available. Not explosive. **Explosive properties** Oxidising properties Not oxidising.

9.2. Other information

Bi2O9Sn3 **Molecular formula**

SECTION 10: Stability and reactivity

10.1. Reactivity The product is stable and non-reactive under normal conditions of use, storage and transport.

Material is stable under normal conditions. 10.2. Chemical stability

10.3. Possibility of hazardous No dangerous reaction known under conditions of normal use.

reactions

10.4. Conditions to avoid Contact with incompatible materials.

10.5. Incompatible materials Strong oxidising agents.

10.6. Hazardous No hazardous decomposition products are known.

decomposition products

SECTION 11: Toxicological information

General information Occupational exposure to the substance or mixture may cause adverse effects.

Information on likely routes of exposure

Material name: Bismuth Stannate Powder

Inhalation Prolonged inhalation may be harmful.

Skin contact No adverse effects due to skin contact are expected. **Eye contact** Direct contact with eyes may cause temporary irritation.

Ingestion May cause discomfort if swallowed. However, ingestion is not likely to be a primary route of

occupational exposure.

Symptoms Exposure may cause temporary irritation, redness, or discomfort.

11.1. Information on toxicological effects

Acute toxicity No data available.

Skin corrosion/irritation Due to partial or complete lack of data the classification is not possible. Serious eye damage/eye Due to partial or complete lack of data the classification is not possible.

irritation

Respiratory sensitisation Due to partial or complete lack of data the classification is not possible. Skin sensitisation Due to partial or complete lack of data the classification is not possible. Germ cell mutagenicity Due to partial or complete lack of data the classification is not possible. Carcinogenicity Due to partial or complete lack of data the classification is not possible.

Hungary. 26/2000 EüM Ordinance on protection against and preventing risk relating to exposure to carcinogens at work (as amended)

Not listed.

Reproductive toxicity Due to partial or complete lack of data the classification is not possible. Specific target organ toxicity Due to partial or complete lack of data the classification is not possible.

- single exposure

Specific target organ toxicity

Due to partial or complete lack of data the classification is not possible. - repeated exposure

Aspiration hazard Due to partial or complete lack of data the classification is not possible.

Mixture versus substance

information

No information available.

Other information This product has no known adverse effect on human health.

SECTION 12: Ecological information

The product is not classified as environmentally hazardous. However, this does not exclude the 12.1. Toxicity

No data is available on the degradability of this product.

possibility that large or frequent spills can have a harmful or damaging effect on the environment.

12.2. Persistence and

12.3. Bioaccumulative

degradability

No data available.

potential

Partition coefficient

Not available.

n-octanol/water (log Kow)

Bioconcentration factor (BCF) Not available. 12.4. Mobility in soil No data available.

12.5. Results of PBT and

vPvB assessment

Not a PBT or vPvB substance or mixture.

12.6. Other adverse effects No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation

potential, endocrine disruption, global warming potential) are expected from this component.

12.7. Additional information

Estonia Dangerous substances in groundwater Data

Bismuth Stannate (CAS 12010-67-2) Tin (Sn) 150 ug/l

Tin (Sn) 3 ug/l

Estonia Dangerous substances in soil Data

Bismuth Stannate (CAS 12010-67-2) Tin (Sn) 10 mg/kg

> Tin (Sn) 300 mg/kg Tin (Sn) 50 mg/kg

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Residual waste Dispose of in accordance with local regulations. Empty containers or liners may retain some product

residues. This material and its container must be disposed of in a safe manner (see: Disposal

instructions).

Since emptied containers may retain product residue, follow label warnings even after container is Contaminated packaging

emptied. Empty containers should be taken to an approved waste handling site for recycling or

EU waste code The Waste code should be assigned in discussion between the user, the producer and the waste

disposal company.

Material name: Bismuth Stannate Powder 1DT Version #: 02 Revision date: 10-January-2018 Issue date: 09-May-2015 Disposal Collect and reclaim or dispose in sealed containers at licensed waste disposal site.

methods/information

Special precautions Dispose in accordance with all applicable regulations.

SECTION 14: Transport information

ADR

14.1. - 14.6.: Not regulated as dangerous goods.

RID

14.1. - 14.6.: Not regulated as dangerous goods.

ADN

14.1. - 14.6.: Not regulated as dangerous goods.

IATA

14.1. - 14.6.: Not regulated as dangerous goods.

IMDG

14.1. - 14.6.: Not regulated as dangerous goods.

SECTION 15: Regulatory information

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

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I and II, as amended

Regulation (EC) No. 850/2004 On persistent organic pollutants, Annex I as amended

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex V as amended Not listed.

Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry, as amended

Not listed.

Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA Not listed.

Authorisations

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended Not listed.

Restrictions on use

Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended

Not listed.

Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work, as amended.

Not listed.

Other EU regulations

Directive 2012/18/EU on major accident hazards involving dangerous substances, as amended

Not listed.

Other regulations The product is classified and labelled in accordance with EC directives or respective national laws

This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006.

National regulations Follow national regulation for work with chemical agents.

15.2. Chemical safety No Chemical Safety Assessment has been carried out.

assessment

SECTION 16: Other information

Material name: Bismuth Stannate Powder

List of abbreviations Not available.

References **Training information Disclaimer**

Not available.

Follow training instructions when handling this material.

Materion Advanced Chemicals Inc. cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. This document has been prepared using data from sources considered to be technically reliable and the information is believed to be correct. Materion makes no warranties, expressed or implied, as to the accuracy of the information contained herein. Materion cannot anticipate all conditions under which this information and its products may be used and the actual conditions of use are beyond its control. The user is responsible to evaluate all available information when using this product for any particular use and to comply with all Federal, State, Provincial and Local laws, statutes and regulations.

SDS EU 1DT Version #: 02 Revision date: 10-January-2018 Issue date: 09-May-2015