

SAFETY DATA SHEETS

This SDS packet was issued with item:

070831602

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

070831578 070831586 071631530

SECTION 1 : Identification of the substance/preparation and of the company / undertaking**(a) GHS product identifier**

Patterson Aluminum Oxide

(e) Emergency phone number

CHEMTREC 1-800-424-9300

(b) Other means of identification

NA

(c) Recommended use of the chemical and restrictions on use

For professional dental applications.

(d) Supplier's details

Patterson Companies, Inc.
1031 Mendota Heights Road
Saint Paul, MN 55120
Phone: 1-800-328-5536

SECTION 2: Hazards identification**(a) GHS classification of the substance/mixture****Substance Name**

1. Aluminum Oxide - Not classified as a hazardous substance.

(b) Label Elements**Hazard statements**

None

Precautionary statements

None

Hazard Symbol(s)

NONE

Signal Word(s)

NONE

(c) Other hazards which do not result in classification**IF ON SKIN:** Wash thoroughly with soap and warm water.**IF INHALED:** Remove to fresh air.**IF SWALLOWED:** Never give anything by mouth to an unconscious person. Rinse mouth with water.**IF IN EYES:** Flush eyes with water.**SECTION 3: Composition/information on ingredients****(a) Chemical(s) Identity:****(b) Common Name:**

Aluminum Oxide
Silicon Dioxide
Titanium Oxide

(c) CAS No.

1344-28-1
7631-86-9
13463-67-7

Mixture:**Concentration (Percentage)**

96.40%
0.50%
2.70%

SECTION 4: First-aid measures**(a) Description of first aid measures:****IF ON SKIN (OR HAIR):** Wash thoroughly with soap and warm water.**IF INHALED:** Remove to fresh air.**IF SWALLOWED:** Never give anything by mouth to an unconscious person. Rinse mouth with water.**IF IN EYES:** Flush eyes with water.**IF ON CLOTHING:** Wash clothing thoroughly.**(b) Most important symptoms and effects, both acute and delayed:**

Unlikely events of shortness of breath, dizziness and nausea.

(c) Indication of any immediate medical attention and special treatment needed:

Unlikely events of shortness of breath, dizziness and nausea.

SECTION 5: Fire-fighting measures**(a) Suitable extinguishing media:**

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

(b) Special hazards arising from the chemical or mixture: ND**(c) Special protective equipment and precautions for fire-fighters:**

Do not use halocarbon extinguishers. The product itself does not burn.

SECTION 6: Accidental release measures**(a) Personal precautions, protective equipment and emergency procedures:**

Avoid dust formation. Avoid breathing vapors, mist, or gas.

(b) Environmental precautions:

ND

(c) Methods and material for containment and cleaning up:

Sweep up and shovel. Keep in suitable, close containers for disposal.

SECTION 7: Handling and storage**(a) Precautions for safe handling:**

Provide appropriate exhaust ventilation at places where dust is formed.

(b) Conditions for safe storage, including any incompatibilities:

Keep container tightly closed in a dry and well-ventilated place. Incompatibilities include: Strong acids, strong bases, chlorine trifluoride, ethylene oxide, halogenated hydrocarbon, oxygen difluoride, sodium nitrate, vinyl compounds.

SECTION 8: Exposure controls/Personal protection**(a) Control parameters:**

Chemical	ACGIH		OSHA	
	TLV	TLV-STEL	PEL TWA	PEL CEILING
Aluminum Oxide	10 mg/m ³	NE	10 mg/m ³	NE

(b) Appropriate Engineering Controls:

General industrial hygiene practice.

(c) Individual protection measures:

RESPIRATORY: Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU)

EYE PROTECTION: Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

PROTECTIVE GLOVES: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

OTHER PROTECTIVE EQUIPMENT: Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Safety Data Sheet

Form No. A289

Date Prepared:

4/3/2015

SECTION 9: Physical and chemical properties

(a) Appearance:	Powder.
(b) Odor:	NA
(c) Odor threshold:	NA
(d) pH:	9.4 - 10.1 at 20 °C (68 °F)
(e) Melting point / freezing point:	2,040 °C (3,704 °F)
(f) Initial boiling point and boiling range:	2,980 °C (5,396 °F)
(g) Flash point	NA
(h) Evaporation rate (BuAc=1):	NA
(i) Flammability:	NA
(j) Upper/lower flammability or explosive limits:	NA
(k) Vapor Pressure:	1 hPa (1 mmHg) at 2,158 °C (3,916 °F)
(l) Vapor density:	NA
(m) Relative density:	4.000 g/cm ³
(n) Solubility:	Insoluble.
(o) Partition coefficient: n-octanol/water:	ND
(p) Auto-ignition temperature:	NE
(q) Decomposition temperature:	ND
(r) Viscosity:	NA

SECTION 10: Stability and reactivity

(a) Reactivity:	Not reactive
(b) Chemical stability:	Stable.
(c) Possibility of hazardous reactions:	Hazardous Polymerization will not occur.
(d) Conditions to avoid:	Exposure to moisture.
(f) Hazardous decomposition products:	ND.

SECTION 11: Toxicological information

Acute toxicity	NE
Skin corrosion/irritation	NE
Serious Eye Damage / Irritation	NE
Respiratory or skin sensitization	NE
Germ cell mutagenicity	NE
Carcinogenicity	NE
Reproductive toxicity	NE
STOT-single exposure	NE
STOT-repeated exposure	NE
Aspiration Hazard	NE

- (a) Exposure route:
Inhalation, Ingestion, Skin.
- (b) Symptoms related to the physical, chemical and toxicological characteristics:
Cough, chest pain, difficulty breathing, gastrointestinal disturbance.
- (c) Delayed and immediate effects and also chronic effects from short and long term exposure:
ND.
- (d) Numerical measures of toxicity:
NE

Safety Data Sheet

Form No. A289

Date Prepared:

4/3/2015

SECTION 12: Ecological information**(a) Ecotoxicity:**

NE

(b) Persistence and degradability:

NE

(c) Bioaccumulative potential

NE

(d) Mobility in soil:

NE

(e) Other adverse effects:

NE

SECTION 13: Disposal considerations**Product:****Recommendation****WASTE DISPOSAL METHOD:** Dispose of properly in accordance with Federal, State, and Local regulations.**SECTION 14: Transport information****(a) UN Number**

NE

(b) UN Proper shipping name

NE

(c) Transport hazard class(es)

NE

(d) Packing Group

NE

(e) Environmental hazards

NE

(f) Transport in bulk

NE

(g) Other Information

NE

SECTION 15: Regulatory information**SARA Reporting Requirements:**

There may be reporting requirements for this product.

SARA Threshold Planning Quantity:

There may be specific Threshold Planning Quantities for the components of this product.

TSCA Inventory Status:

The components of this product are listed on the TSCA Inventory.

Other Federal Requirements:

This product complies with the appropriate sections of the Food and Drug Administration's 21 CFR subchapter G (Cosmetics).

Other Canadian Regulations:

ND.

State Regulatory Information:

This product may contain components that are covered under specific state criteria.

Safety Data Sheet

Form No. A289

Date Prepared:

4/3/2015

SECTION 16: Other information

PREPARED BY: Kathryn Harris
GAR QMS SDS REFERENCE: A033

HAZARDOUS MATERIAL IDENTIFICATION (HMIS) RATING:

Health	0
Flammability	0
Reactivity	0
Other	NA

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) HAZARD IDENTIFICATION RATING:

Health	0
Flammability	0
Reactivity	0
Special Information	NA

REVISION NUMBER: 150403

CHANGES FROM PREVIOUS VERSION: INITIAL VERSION

ABBREVIATIONS

NA Not Applicable	LD Lethal Dose
ND Not Determined	TC Toxic Concentration
NE Not Established	TD Toxic Dose
ppm parts per million	BOD Biological Oxygen Demand
G Gallon	COD Chemical Oxygen Demand
mg Milligram	Lo Lowest
L Liter	ThOD Theoretical Oxygen Demand
gm Gram	TLm Threshold Limit
mol Mole	IC Inhibitory Concentration
kg Kilogram	DOC Dissolved Organic Carbon
μ Micro	H Hours
mm Millimeter	M Months
p Pico	D Days
Pa Pascals	Y Years
c cento	W Weeks
LC Lethal Concentration	
ACGIH American Conference of Governmental Industrial Hygienist	
CPR Controlled Product's Regulation	
DSL Canadian Domestic Substances List	
NDSL Canadian Non-domestic Substance List	
IARC International Agency for Research for Cancer	
NOEL No Observed Effect Level	
NOAEL No Observed Adverse Effect Level	
OSHA Occupational Safety and Health Administration	
PEL Permissible Exposure Limit	
TLV Threshold Limit Value	

THIS MATERIAL SAFETY DATA SHEET IS PREPARED IN COMPLIANCE WITH FEDERAL REGULATIONS (29 CFR 1910.1200) OF CHEMICALS AND THE GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING REVISION 5. ANY APPLICABLE STATE AND LOCAL REGULATIONS SHOULD BE CONSULTED. THE ABOVE INFORMATION MAY BE BASED IN PART ON INFORMATION PROVIDED BY COMPONENT SUPPLIERS AND IS BELIEVED TO BE CORRECT AS OF THE DATE HEREOF. HOWEVER, NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY USE, OR ANY OTHER WARRANTY IS EXPRESSED OR IS TO BE IMPLIED REGARDING THE ACCURACY OF THESE DATA, THE RESULTS TO BE OBTAINED FROM THE USE OF THE MATERIAL, OR THE HAZARDS CONNECTED WITH SUCH USE. SINCE THE INFORMATION CONTAINED HEREIN MAY BE APPLIED UNDER CONDITIONS BEYOND OUR CONTROL AND WITH WHICH WE MAY BE UNFAMILIAR, AND SINCE DATA MADE AVAILABLE SUBSEQUENT TO THE DATE HEREOF MAY SUGGEST MODIFICATION OF THE INFORMATION, WE ASSUME NO RESPONSIBILITY FOR THE RESULT OF ITS USE. THIS INFORMATION AND MATERIAL IS FURNISHED ON THE CONDITION THAT THE PERSON RECEIVING IT SHALL MAKE HIS/HER OWN DETERMINATION AS TO THE SUITABILITY OF THE MATERIAL FOR HIS/HER PARTICULAR PURPOSE AND ON THE CONDITION THAT HE/SHE ASSUME THE RISK OF HIS/HER USE THEREOF.

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 11.21.2017

Page 1 of 8

Patterson Aluminum Oxide

SECTION 1: Identification

Product identifier

Product name: Patterson Aluminum Oxide

Product code: 071631514, 071631530, 070831578, 070831586,
070831602

Recommended use of the product and restriction on use

Relevant identified uses: Not determined or not applicable.

Uses advised against: Not determined or not applicable.

Reasons why uses advised against: For professional dental applications.

Manufacturer or supplier details

Manufacturer:

Supplier

Patterson Companies, Inc.
1031 Mendota Heights Road
St. Paul, MN 55120
1-800-328-5536 Fax:1-651-686-9331

Emergency telephone number:

United States

CHEMTREC

Within USA and Canada: 1-800-424-9300 (CHEMTREC, 24 hours)

Outside USA and Canada: +1-703-527-3887 (CHEMTREC, 24 hours)

SECTION 2: Hazard(s) identification

GHS classification:

Carcinogenicity, category 2

Label elements

Hazard pictograms:



Signal word: Warning

Hazard statements:

H351 Suspected of causing cancer

Precautionary statements:

P201 Obtain special instructions before use

P202 Do not handle until all safety precautions have been read and understood

P281 Use personal protective equipment as required

P308+P313 If exposed or concerned: Get medical advice/attention

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 11.21.2017

Page 2 of 8

Patterson Aluminum Oxide

P405 Store locked up

P501 Dispose of contents and container as instructed in Section 13

Hazards not otherwise classified: None

SECTION 3: Composition/information on ingredients

Identification	Name	Weight %
CAS number: 13463-67-7	Titanium Oxide	2.7
CAS number: 1344-28-1	Aluminum Oxide	96.4
CAS number: 7631-86-9	Silicon Dioxide	0.5

Additional Information: None

SECTION 4: First aid measures

Description of first aid measures

General notes:

Not determined or not applicable.

After inhalation:

Loosen clothing as necessary and position individual in a comfortable position

Maintain an unobstructed airway

Get medical advice/attention if you feel unwell

After skin contact:

Rinse affected area with soap and water

If symptoms develop or persist, seek medical attention

After eye contact:

Rinse/flush exposed eye(s) gently using water for 15-20 minutes

If symptoms develop or persist, seek medical attention

After swallowing:

Rinse mouth thoroughly

Seek medical attention if irritation, discomfort, or vomiting persists

Most important symptoms and effects, both acute and delayed

Acute symptoms and effects:

Not determined or not applicable.

Delayed symptoms and effects:

Not determined or not applicable.

Immediate medical attention and special treatment

Specific treatment:

Not determined or not applicable.

Notes for the doctor:

Not determined or not applicable.

SECTION 5: Firefighting measures

Extinguishing media

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 11.21.2017

Page 3 of 8

Patterson Aluminum Oxide

Suitable extinguishing media:

Use appropriate fire suppression agents for adjacent combustible materials or sources of ignition

Unsuitable extinguishing media:

Not determined or not applicable.

Specific hazards during fire-fighting:

Thermal decomposition can lead to release of irritating gases and vapors

Special protective equipment for firefighters:

Use typical firefighting equipment, self-contained breathing apparatus, special tightly sealed suit

Special precautions:

Carbon monoxide and carbon dioxide may form upon combustion

Heating causes a rise in pressure, risk of bursting and combustion

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Ensure adequate ventilation

Ensure air handling systems are operational

Wear protective eye wear, gloves and clothing

Environmental precautions:

Should not be released into the environment

Prevent from reaching drains, sewer or waterway

Methods and material for containment and cleaning up:

Wear protective eye wear, gloves and clothing

Sweep or scoop up solid material while minimizing dust generation

Dispose of contents / container in accordance with local regulations

Reference to other sections:

Not determined or not applicable.

SECTION 7: Handling and storage

Precautions for safe handling:

Use only with adequate ventilation.

Avoid breathing dust.

Do not eat, drink, smoke or use personal products when handling chemical substances.

Conditions for safe storage, including any incompatibilities:

Keep container tightly sealed.

Keep container dry.

Store in a cool, well-ventilated area.

SECTION 8: Exposure controls/personal protection

Only those substances with limit values have been included below.

Occupational Exposure limit values:

Country (Legal Basis)	Substance	Identifier	Permissible concentration
United States (OSHA)	Aluminum Oxide	1344-28-1	OSHA PEL TWA 15.0 mg/m ³ (total dust)
	Aluminum Oxide	1344-28-1	OSHA PEL TWA 5.0 mg/m ³ (respirable fraction)
	Silicon Dioxide	7631-86-9	OSHA PEL 8 Hour TWA: 15 mg/m ³

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 11.21.2017

Page 4 of 8

Patterson Aluminum Oxide

Country (Legal Basis)	Substance	Identifier	Permissible concentration
	Titanium Oxide	13463-67-7	OSHA PEL TWA 15 mg/m ³ (Total dust)
ACGIH	Aluminum Oxide	1344-28-1	ACGIH TLV TWA 1.0 mg/m ³ (respirable fraction)
	Titanium Oxide	13463-67-7	ACGIH TLV TWA 10.0 mg/m ³
NIOSH	Silicon Dioxide	7631-86-9	NIOSH 10 hr Time Weighted Avg (TWA): 6 mg/m ³
	Silicon Dioxide	7631-86-9	NIOSH IDLH: 3000 mg/m ³

Biological limit values:

No biological exposure limits noted for the ingredient(s).

Information on monitoring procedures:

Monitoring of the concentration of substances in the breathing zone of workers or in the general workplace may be required to confirm compliance with an OEL and adequacy of exposure controls.

Biological monitoring may also be appropriate for some substances.

Appropriate engineering controls:

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use or handling.

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapor and mists below the applicable workplace exposure limits (Occupational Exposure Limits-OELs) indicated above.

Personal protection equipment

Eye and face protection:

Safety goggles or glasses, or appropriate eye protection.

Skin and body protection:

Select glove material impermeable and resistant to the substance.

Wear appropriate clothing to prevent any possibility of skin contact.

Respiratory protection:

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.

General hygienic measures:

Avoid contact with skin, eyes and clothing.

Wash hands before breaks and at the end of work.

Wash contaminated clothing before reuse.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Powder
Odor	Not determined or not available.
Odor threshold	Not determined or not available.
pH	9.4 - 10.1
Melting point/freezing point	Not determined or not available.
Initial boiling point/range	Not determined or not available.
Flash point (closed cup)	5,396 °F (2,980°C)
Evaporation rate	Not determined or not available.
Flammability (solid, gas)	Not determined or not available.

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 11.21.2017

Page 5 of 8

Patterson Aluminum Oxide

Upper flammability/explosive limit	Not determined or not available.
Lower flammability/explosive limit	Not determined or not available.
Vapor pressure	Not determined or not available.
Vapor density	Not determined or not available.
Density	Not determined or not available.
Relative density	Not determined or not available.
Solubilities	Not determined or not available.
Partition coefficient (n-octanol/water)	Not determined or not available.
Auto/Self-ignition temperature	Not determined or not available.
Decomposition temperature	Not determined or not available.
Dynamic viscosity	Not determined or not available.
Kinematic viscosity	Not determined or not available.
Explosive properties	Not determined or not available.
Oxidizing properties	Not determined or not available.

Other information

SECTION 10: Stability and reactivity

Reactivity:

Does not react under normal conditions of use and storage.

Chemical stability:

Stable under normal conditions of use and storage.

Possibility of hazardous reactions:

None under normal conditions of use and storage.

Conditions to avoid:

None known.

Incompatible materials:

None known.

Hazardous decomposition products:

None known.

SECTION 11: Toxicological information

Acute toxicity

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

Substance data: No data available.

Skin corrosion/irritation

Assessment: Based on available data, the classification criteria are not met.

Product data:

No data available.

Substance data: No data available.

Serious eye damage/irritation

Assessment: Based on available data, the classification criteria are not met.

Product data:

No data available.

Substance data: No data available.

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 11.21.2017

Page 6 of 8

Patterson Aluminum Oxide

Respiratory or skin sensitization

Assessment: Based on available data, the classification criteria are not met.

Product data:

No data available.

Substance data: No data available.

Carcinogenicity

Assessment: Suspected of causing cancer

Product data: No data available.

Substance data:

Name	Species	Result
Titanium Oxide		Airborne, unbound particles of respirable size are known to cause cancer.

International Agency for Research on Cancer (IARC):

Name	Classification
Silicon Dioxide	Group 3 - Not classifiable as to its carcinogenicity to humans
Titanium Oxide	Group 2B - Possibly carcinogenic to humans

National Toxicology Program (NTP): None of the ingredients are listed.

Germ cell mutagenicity

Assessment: Based on available data, the classification criteria are not met.

Product data:

No data available.

Substance data: No data available.

Reproductive toxicity

Assessment: Based on available data, the classification criteria are not met.

Product data:

No data available.

Substance data: No data available.

Specific target organ toxicity (single exposure)

Assessment: Based on available data, the classification criteria are not met.

Product data:

No data available.

Substance data: No data available.

Specific target organ toxicity (repeated exposure)

Assessment: Based on available data, the classification criteria are not met.

Product data:

No data available.

Substance data: No data available.

Aspiration toxicity

Assessment: Based on available data, the classification criteria are not met.

Product data:

No data available.

Substance data: No data available.

Information on likely routes of exposure:

No data available.

Symptoms related to the physical, chemical and toxicological characteristics:

No data available.

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 11.21.2017

Page 7 of 8

Patterson Aluminum Oxide

Other information:

No data available.

SECTION 12: Ecological information

Acute (short-term) toxicity

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

Substance data: No data available.

Chronic (long-term) toxicity

Product data: No data available.

Substance data: No data available.

Persistence and degradability

Product data: No data available.

Substance data: No data available.

Bioaccumulative potential

Product data: No data available.

Substance data: No data available.

Mobility in soil

Product data: No data available.

Substance data: No data available.

Other adverse effects: No data available.

SECTION 13: Disposal considerations

Disposal methods:

It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities

SECTION 14: Transport information

United States Transportation of dangerous goods (49 CFR DOT)

UN number	Not regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

International Maritime Dangerous Goods (IMDG)

UN number	Not regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

International Air Transport Association Dangerous Goods Regulations (IATA-DGR)

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 11.21.2017

Page 8 of 8

Patterson Aluminum Oxide

UN number	Not regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

SECTION 15: Regulatory information

United States regulations

Inventory listing (TSCA):

1344-28-1	Aluminum Oxide	Listed
7631-86-9	Silicon Dioxide	Listed
13463-67-7	Titanium Oxide	Listed

Significant New Use Rule (TSCA Section 5): Not determined.

Export notification under TSCA Section 12(b): Not determined.

SARA Section 302 extremely hazardous substances: Not determined.

SARA Section 313 toxic chemicals:

1344-28-1	Aluminum Oxide	Not Listed
-----------	----------------	------------

CERCLA: Not determined.

RCRA: Not determined.

Section 112(r) of the Clean Air Act (CAA): Not determined.

Massachusetts Right to Know: Not determined.

New Jersey Right to Know: Not determined.

New York Right to Know: Not determined.

Pennsylvania Right to Know: Not determined.

California Proposition 65:

WARNING: This product contains a chemical known to the State of California to cause cancer.

13463-67-7	Titanium Oxide
------------	----------------

SECTION 16: Other information

Abbreviations and Acronyms: None

Disclaimer:

This product has been classified in accordance with OSHA HCS 2012 guidelines. The information provided in this SDS is correct, to the best of our knowledge, based on information available. The information given is designed only as a guidance for safe handling, use, storage, transportation and disposal 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, unless specified in the text. The responsibility to provide a safe workplace remains with the user.

Initial preparation date: 11.21.2017

End of Safety Data Sheet