

acc. to 29 CFR 1910.1200 App D

## **TCGL 12.0**

Version number: 2.3 Revision: 2025-07-18 Replaces version of: 2025-07-03 (1)

## **SECTION 1: Identification**

## 1.1 Product identifier

Trade name TCGL 12.0

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

Relevant identified uses High performance thermally conductive gel, silic-

one based thermal interface material

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

TCLAD 1600 Orrin Road Prescott Wisconsin 54021 United States

Telephone: 715 262 8206

## 1.4 Emergency telephone number

Emergency information service CHEMTREC Tel: 1-800-424-9300

This number is only available during the following

office hours: Mon-Fri 09:00 AM - 05:00 PM

## **SECTION 2: Hazard(s) identification**

#### 2.1 Classification of the substance or mixture

Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

This mixture does not meet the criteria for classification.

#### 2.2 Label elements

Labelling acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

Signal word not requiredPictograms not required

#### 2.3 Other hazards

Special danger of slipping by leaking/spilling product. There is no additional information.

Hazards not otherwise classified

Safety data sheet available on request.

Harmful to aquatic life (GHS category 3: aquatic toxicity - acute).

#### Results of PBT and vPvB assessment

Does not contain a PBT-/vPvB-substance at a concentration of  $\geq$  0.1%.

#### Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) in a concentration of  $\geq$  0.1%.

## SECTION 3: Composition/information on ingredients

#### 3.1 Substances

Not relevant (mixture)

#### 3.2 Mixtures

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#### Description of the mixture

Name of substance	Identifier	Wt%	Classification acc. to GHS	Pictograms
Aluminum oxide	CAS No 1344-28-1	50 - < 75	Acute Tox. 4 / H332 cD / OSHA003	<u>(1)</u>

#### Remarks

For full text of abbreviations: see SECTION 16

## **SECTION 4: First-aid measures**

## 4.1 Description of first-aid measures

#### General notes

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

#### Following inhalation

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. Provide fresh air.

#### Following skin contact

Wash with plenty of soap and water.

#### Following eye contact

Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

#### Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

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

Symptoms and effects are not known to date.

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

none

#### **SECTION 5: Fire-fighting measures**

## 5.1 Extinguishing media

Suitable extinguishing media

Water spray, BC-powder, Carbon dioxide (CO2)

Unsuitable extinguishing media

Water jet

#### 5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

Carbon monoxide (CO), Carbon dioxide (CO2)

## 5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Coordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

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## **SECTION 6: Accidental release measures**

## 6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Remove persons to safety.

For emergency responders

Wear breathing apparatus if exposed to vapors/dust/aerosols/gases.

## 6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it. If substance has entered a water course or sewer, inform the responsible authority.

#### 6.3 Methods and material for containment and cleaning up

Advice on how to contain a spill

Covering of drains

Advice on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage: sawdust, kieselgur (diatomite), sand, universal binder

Appropriate containment techniques

Use of adsorbent materials.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

#### 6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

## **SECTION 7: Handling and storage**

## 7.1 Precautions for safe handling

Recommendations

- Measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation. Use only in well-ventilated areas.

Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

## 7.2 Conditions for safe storage, including any incompatibilities

There is no additional information.

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials" (Section 10).

## 7.3 Specific end use(s)

See section 16 for a general overview.

#### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

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## Occupational exposure limit values (Workplace Exposure Limits)

Occup	ational exposul	e mine van	105 (110	пкріасс	LAPOSAI	z Emmes,					
Coun- try	Name of agent	CAS No	Identi- fier	TWA [ppm]	TWA [mg/m³]	STEL [ppm]	STEL [mg/m³]	Ceiling-C [ppm]	Ceiling-C [mg/m³]	Nota- tion	Source
US	zinc oxide	1314-13-2	REL		5 (10 h)				15	dust	NIOSH REL
US	zinc oxide	1314-13-2	PEL		15					dust	29 CFR 1910.10 00
US	zinc oxide	1314-13-2	PEL (CA)		5		10			fume	Cal/OSH A PEL
US	zinc oxide	1314-13-2	REL		5 (10 h)		10			fume	NIOSH REL
US	zinc oxide	1314-13-2	PEL		5					fume	29 CFR 1910.10 00
US	zinc oxide	1314-13-2	TLV®		2		10			r	ACGIH® 2024
US	zinc oxide	1314-13-2	PEL		5					r	29 CFR 1910.10 00
US	alpha-alumina	1344-28-1	REL							appx-D	NIOSH REL
US	alpha-alumina	1344-28-1	PEL		15					dust	29 CFR 1910.10 00
US	alpha-alumina	1344-28-1	PEL		5					r	29 CFR 1910.10 00
US	aluminium, insol- uble compounds	1344-28-1	TLV®		1					r	ACGIH® 2024
US	aluminium oxide	1344-28-1	PEL (CA)		10					dust	Cal/OSH A PEL
US	aluminium oxide	1344-28-1	PEL (CA)		5					r	Cal/OSH A PEL

#### **Notation**

appx-D see Appendix D - Substances with No Established RELs

Ceiling-C ceiling value is a limit value above which exposure should not occur

dust as dust fume as fume

respirable fraction

STEL short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period

(unless otherwise specified)

time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average (unless otherwise specified TWA

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Name of substance	CAS No	Endpoint	Threshold level	Protection goal, route of exposure	Used in	Exposure time
Aluminum oxide	1344-28-1	DNEL	3 mg/m³	human, inhalatory	worker (industry)	chronic - systemic ef- fects
Aluminum oxide	1344-28-1	DNEL	3 mg/m³	human, inhalatory	worker (industry)	chronic - local effects

#### 8.2 Exposure controls

Appropriate engineering controls

General ventilation.

Individual protection measures (personal protective equipment)

Eye/face protection

Wear eye/face protection.

Skin protection

- Hand protection

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

- Other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

## **SECTION 9: Physical and chemical properties**

## 9.1 Information on basic physical and chemical properties

#### **Appearance**

Physical state	liquid (gel)
Color	grey
Particle	not relevant (liquid)
Odor	odorless

#### Other safety parameters

pH (value)	not determined
Melting point/freezing point	not determined
Initial boiling point and boiling range	2,980 °C

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Flash point	not determined
Evaporation rate	not determined
Flammability (solid, gas)	not relevant, (fluid)
Vapor pressure	0 hPa at 20 °C
Density	not determined
Vapor density	this information is not available
Relative density	3.3 (water = 1)
Solubility(ies)	not determined

## Partition coefficient

- n-octanol/water (log KOW)	this information is not available
Auto-ignition temperature	not determined
Viscosity	not determined
Explosive properties	none
Oxidizing properties	none
Other information	there is no additional information

## **SECTION 10: Stability and reactivity**

## 10.1 Reactivity

9.2

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials".

## 10.2 Chemical stability

The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

#### 10.3 Possibility of hazardous reactions

No known hazardous reactions.

#### 10.4 Conditions to avoid

There are no specific conditions known which have to be avoided.

#### 10.5 Incompatible materials

Oxidizers

## 10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

## **SECTION 11: Toxicological information**

## 11.1 Information on toxicological effects

Test data are not available for the complete mixture.

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#### Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

#### Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

This mixture does not meet the criteria for classification.

#### Acute toxicity

Shall not be classified as acutely toxic.

	Acute toxicity estimate (ATE) of components					
	Name of substance	CAS No	Exposure route	ATE		
İ	Aluminum oxide	1344-28-1	inhalation: dust/mist	>2.3 <sup>mg</sup> / <sub>I</sub> /4h		

#### Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

## Serious eye damage/eye irritation

Shall not be classified as seriously damaging to the eye or eye irritant.

## Respiratory or skin sensitization

Shall not be classified as a respiratory or skin sensitizer.

#### Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

#### Carcinogenicity

Shall not be classified as carcinogenic.

#### Reproductive toxicity

Shall not be classified as a reproductive toxicant.

## Specific target organ toxicity - single exposure

Shall not be classified as a specific target organ toxicant (single exposure).

## Specific target organ toxicity - repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

## Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

## **SECTION 12: Ecological information**

## 12.1 Toxicity

Harmful to aquatic life.

Aquatic toxicity (acute) of components						
Name of substance	CAS No	Endpoint	Value	Species	Exposure time	
Aluminum oxide	1344-28-1	LC50	11.5 <sup>mg</sup> / <sub>l</sub>	rainbow trout (Onco- rhynchus mykiss)	48 h	
Aluminum oxide	1344-28-1	EC50	>50 <sup>mg</sup> / <sub>l</sub>	zebra fish (Danio rerio)	96 h	

## 12.2 Persistence and degradability

Data are not available.

## 12.3 Bioaccumulative potential

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Data are not available.

## 12.4 Mobility in soil

Data are not available.

#### 12.5 Results of PBT and vPvB assessment

Does not contain a PBT-/vPvB-substance at a concentration of  $\geq 0.1\%$ .

#### 12.6 Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) in a concentration of  $\geq 0.1\%$ .

#### 12.7 Other adverse effects

Data are not available.

## **SECTION 13: Disposal considerations**

#### 13.1 Waste treatment methods

Sewage disposal-relevant information

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

Waste treatment of containers/packages

Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

#### **Remarks**

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

## **SECTION 14: Transport information**

14.1 UN number	not subject to transport regulations
----------------	--------------------------------------

**14.2 UN proper shipping name** not relevant

**14.3 Transport hazard class(es)** none

**14.4 Packing group** not assigned

**14.5 Environmental hazards** non-environmentally hazardous acc. to the danger-

ous goods regulations

#### 14.6 Special precautions for user

There is no additional information.

#### 14.7 Transport in bulk according to IMO instruments

The cargo is not intended to be carried in bulk.

#### **Information for each of the UN Model Regulations**

Transport of dangerous goods by road or rail (49 CFR US DOT) - Additional information

Not subject to transport regulations.

International Maritime Dangerous Goods Code (IMDG) - Additional information Not subject to IMDG.

International Civil Aviation Organization (ICAO-IATA/DGR) - Additional information

Not subject to ICAO-IATA.

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## **SECTION 15: Regulatory information**

# 15.1 Safety, health and environmental regulations specific for the product in question

**National regulations (United States)** 

**Toxic Substance Control Act (TSCA)** 

all ingredients are listed (ACTIVE) or exempt from listing

## Superfund Amendment and Reauthorization Act (SARA TITLE III )

- The List of Extremely Hazardous Substances and Their Threshold Planning Quantities (EPCRA Section 302, 304)

none of the ingredients are listed

- Specific Toxic Chemical Listings (EPCRA Section 313)

Toxics Release Inventory: Specific Toxic Chemical Listings						
Name of substance CAS No Remarks Effective date						
Aluminum oxide 1344-28-1 fibrous forms 1987-01-01						

## Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

- List of Hazardous Substances and Reportable Quantities (CERCLA section 102a) (40 CFR 302.4) none of the ingredients are listed

#### Clean Air Act

none of the ingredients are listed

## **Right to Know Hazardous Substance List**

- Cleaning Product Right to Know Act Substance List (CA-RTK) none of the ingredients are listed
- Toxic or Hazardous Substance List (MA-TURA)

Name of substance	CAS No	DEP CODE	PBT / HHS / LHS	PBT / HHS Threshold	De Minimis Concen- tration Threshold
Aluminum oxide	1344-28-1				1.0 %

#### - Hazardous Substances List (MN-ERTK)

Name of substance	CAS No	References	Remarks
Aluminum oxide	1344-28-1	A	
Aluminum oxide	1344-28-1	A	

#### <u>Legend</u>

- A American Conference of Governmental Industrial Hygienists (ACGIH), "Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices for 1992-93", available from ACGIH
- Hazardous Substance List (NJ-RTK)

Name of substance	CAS No	Remarks	Classifications
Aluminum oxide	1344-28-1		

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## - Hazardous Substance List (Chapter 323) (PA-RTK)

Name acc. to inventory	CAS No	Classification
ALUMINUM OXIDE (AL2O3)	1344-28-1	E

#### <u>Legend</u>

E Environmental hazard

- Hazardous Substance List (RI-RTK)

Name of substance	CAS No	References
Aluminum oxide	1344-28-1	Т
Aluminum oxide	1344-28-1	Т

#### Legend

T Toxicity (ACGIH®)

# California Environmental Protection Agency (Cal/EPA): Proposition 65 - Safe Drinking Water and Toxic Enforcement Act of 1987

none of the ingredients are listed

## Industry or sector specific available guidance(s)

#### **NPCA-HMIS® III**

Hazardous Materials Identification System. American Coatings Association.

Category	Rating	Description
Chronic	/	none
Health	0	no significant risk to health
Flammability	0	material that will not burn under typical fire conditions
Physical hazard	0	material that is normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react. Non-explosive
Personal protection	-	

#### **NFPA® 704**

National Fire Protection Association: Standard System for the Identification of the Hazards of Materials for Emergency Response (United States).

Category	Degree of hazard	Description
Flammability	0	material that will not burn under typical fire conditions
Health	0	material that, under emergency conditions, would offer no hazard beyond that of ordin- ary combustible material
Instability	0	material that is normally stable, even under fire conditions
Special hazard		

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#### **National inventories**

Country	Inventory	Status
US	TSCA	all ingredients are listed (ACTIVE)

<u>Legend</u>

TSCA Toxic Substance Control Act

## **15.2 Chemical Safety Assessment**

Chemical safety assessments for substances in this mixture were not carried out.

## SECTION 16: Other information, including date of preparation or last revision

## Indication of changes (revised safety data sheet)

Section	Former entry (text/value)	Actual entry (text/value)	Safety-rel- evant
1.4	Emergency information service: This number is only available during the following office hours: Mon-Fri 09:00 AM - 05:00 PM	Emergency information service: CHEMTREC Tel: 1-800-424-9300 This number is only available during the following office hours: Mon-Fri 09:00 AM - 05:00 PM	yes
2.1	Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)	Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200): This mixture does not meet the criteria for classific- ation.	yes
2.1		Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200): change in the listing (table)	yes
2.2	- Signal word: warning	- Signal word: not required	yes
2.2	- Pictograms	- Pictograms: not required	yes
2.2		- Pictograms: change in the listing (table)	yes
2.2		- Hazard statements: change in the listing (table)	yes
2.2		- Precautionary statements: change in the listing (table)	yes
2.2	- Hazardous ingredients for labelling: Aluminum oxide		yes
2.3	Other hazards	Other hazards: Special danger of slipping by leaking/spilling product. There is no additional information.	yes
2.3		Hazards not otherwise classified: change in the listing (table)	yes
5.1	Suitable extinguishing media: Water, Foam, ABC-powder	Suitable extinguishing media: Water spray, BC-powder, Carbon dioxide (CO2)	yes
6.3	Advice on how to contain a spill: Covering of drains, Take up mechanically	Advice on how to contain a spill: Covering of drains	yes
6.3	Advice on how to clean up a spill: Take up mechanically.	Advice on how to clean up a spill: Wipe up with absorbent material (e.g. cloth, fleece).	yes

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		Collect spillage: sawdust, kieselgur (diatomite), sand, universal binder	
6.3		Appropriate containment techniques: Use of adsorbent materials.	yes
7.2	Conditions for safe storage, including any incompatibilities	Conditions for safe storage, including any incompatibilities: There is no additional information. Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials" (Section 10).	yes
7.2	Managing of associated risks		yes
7.2	- Explosive atmospheres: Removal of dust deposits.		yes
7.2	- Ventilation requirements: Keep any substance that emits harmful vapors or gases in a place that allows these to be perman- ently extracted.		yes
8.2	Hand protection: Wear protective gloves.	Hand protection: Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.	yes
9.1	Physical state: solid	Physical state: liquid (gel)	yes
9.1		Particle: not relevant (liquid)	yes
9.1	pH (value): not applicable	pH (value): not determined	yes
9.1	Flash point: not applicable	Flash point: not determined	yes
9.1	Flammability (solid, gas): non-combustible	Flammability (solid, gas): not relevant, (fluid)	yes
9.1	Explosion limits of dust clouds: not determined		yes
9.1	Viscosity: not relevant (solid matter)	Viscosity: not determined	yes
9.2	Other information	other information: there is no additional information	yes
9.2	Liquid content: 10 %		yes
9.2	Solid content: 100 %		yes
10.2	Chemical stability: See below "Conditions to avoid".	Chemical stability: The material is stable under normal ambient and anticipated storage and handling conditions of tem- perature and pressure.	yes

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11.1	Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)	Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200): This mixture does not meet the criteria for classific- ation.	yes
11.1	Acute toxicity: Harmful if inhaled.	Acute toxicity: Shall not be classified as acutely toxic.	yes
11.1		- Acute toxicity estimate (ATE): change in the listing (table)	yes
15.1		NPCA-HMIS® III: change in the listing (table)	yes
15.1		NFPA® 704: change in the listing (table)	yes

## **Abbreviations and acronyms**

Abbr.	Descriptions of used abbreviations
29 CFR 1910.1000	29 CFR 1910.1000, Tables Z-1, Z-2, Z-3 - Occupational Safety and Health Standards: Toxic and Hazardous Substances (permissible exposure limits)
49 CFR US DOT	49 CFR U.S. Department of Transportation
ACGIH®	American Conference of Governmental Industrial Hygienists
ACGIH® 2024	From ACGIH®, 2024 TLVs® and BEIs® Book. Copyright 2024. Reprinted with permission. Information on the proper use of the TLVs® and BEIs®: http://www.acgih.org/tlv-bei-guidelines/policies-procedures-presentations/tlv-bei-position-statement
Acute Tox.	Acute toxicity
ATE	Acute Toxicity Estimate
Cal/OSHA PEL	California Division of Occupational Safety and Health (Cal/OSHA): Permissible Exposure Limits (PELs)
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)
cD	Combustible dust
Ceiling-C	Ceiling value
DEP CODE	Department of Environmental Protection Code
DGR	Dangerous Goods Regulations (see IATA/DGR)
DNEL	Derived No-Effect Level
EC50	Effective Concentration 50 %. The EC50 corresponds to the concentration of a tested substance causing 50 % changes in response (e.g. on growth) during a specified time interval
ED	Endocrine disruptor
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations
HHS	Higher hazard substance
IATA	International Air Transport Association
IATA/DGR	Dangerous Goods Regulations (DGR) for the air transport (IATA)
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods Code
LC50	Lethal Concentration 50%: the LC50 corresponds to the concentration of a tested substance causing 50 %

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Abbr.	Descriptions of used abbreviations
	lethality during a specified time interval
LHS	Lower hazard substance
NIOSH REL	National Institute for Occupational Safety and Health (NIOSH): Recommended Exposure Limits (RELs)
NPCA-HMIS® III	National Paint and Coatings Association: Hazardous Materials Identification System - HMIS® III, Third Edition
OSHA	Occupational Safety and Health Administration (United States)
PBT	Persistent, Bioaccumulative and Toxic
PEL	Permissible exposure limit
ppm	Parts per million
RTECS	Registry of Toxic Effects of Chemical Substances (database of NIOSH with toxicological information)
STEL	Short-term exposure limit
TLV®	Threshold Limit Values
TWA	Time-weighted average
vPvB	Very Persistent and very Bioaccumulative

## Key literature references and sources for data

OSHA Hazard Communication Standard (HCS), 29 CFR 1910.1200.

Transport of dangerous goods by road or rail (49 CFR US DOT). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

#### Classification procedure

Physical and chemical properties: The classification is based on tested mixture.

Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

## List of relevant phrases (code and full text as stated in section 2 and 3)

Code	Text
H332	Harmful if inhaled.
OSHA003	May form combustible dust concentrations in air.

#### Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

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