

Section 1. Identification

Product identifier

Product Identity

Mineral Fiber Templok® Ceiling Panels (PVC-Free)

Other means of identification

Calla® Templok® Ceiling Panels (BP2820TEMPA, BP2821TEMPA, BP2822TEMPA, BP2823TEMPA, BP2824TEMPA, BP2825TEMPA, and BP2854TEMPA) and Ultima® Templok® Ceiling Panels (BP1910TEMPA, BP1911TEMPA, BP1912TEMPA, BP1913TEMPA, BP1914TEMPA, BP1915TEMPA)

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

Building/construction product.

Details of the supplier of the safety data sheet

Company Name

Armstrong World Industries, Inc.
2500 Columbia Avenue, P.O. Box 3001
Lancaster, PA 17604

Emergency

24 hour Emergency Telephone No.

(800) 255-3924 (ChemTel)

Customer Service:

(877) 276-7876

Section 2. Hazard(s) identification

Classification of the substance or mixture under OSHA's Hazard Communication Standard (1910.1200) revised 2024 (GHS revision 7).

Acute toxicity(oral), category 4;H302

Harmful if swallowed.

Skin corrosion/irritation category 2;H315

Causes skin irritation.

Label elements



Warning

H302 Harmful if swallowed.

H315 Causes skin irritation.

[Prevention]

P264 Wash thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P280 Wear protective gloves, eye protection, and face protection.

[Response]

P301+312 IF SWALLOWED: Call a POISON CENTER, doctor or physician if you feel unwell.

P302+352 IF ON SKIN: Wash with plenty of soap and water.

P330 Rinse mouth.

P332+313 If skin irritation occurs: Get medical attention.

P362+364 Take off contaminated clothing and wash it before reuse.

[Storage]

No GHS storage statements

[Disposal]

P501 Dispose of contents or container in accordance with local and national regulations.

Other hazards

This product contains no PBT/vPvB/vPvM chemicals.

This product contains no endocrine disrupting chemicals.

Does not contain component(s) that meet a 'definition' of per & poly fluoroalkyl substance (PFAS) per the Organisation for Economic Co-operation and Development (OECD) list of Per- and Polyfluoroalkyl Substances (PFASs).

Section 3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the OSHA's Hazard Communication Standard (1910.1200) revised 2024 (GHS revision 7).

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Glass oxide, glass CAS Number: 65997-17-3 Synonyms: Borosilicate glass, Glass, oxide, chemicals	30 - 60	Not Classified	-----
Calcium chloride CAS Number: 10035-04-8 Synonyms: Calcium chloride, dihydrate	10 - 30	Acute toxicity(oral), category 4;H302 Skin corrosion/irritation category 2;H315	-----
Perlite CAS Number: 130885-09-5 Synonyms: No available information	7 - 13	Not Classified	-----
Limestone CAS Number: 1317-65-3 Synonyms: Calcium carbonate	3 - 7	Not Classified	-----
Calcium carbonate CAS Number: 471-34-1 Synonyms: No available information	3 - 7	Not Classified	-----
Kaolin CAS Number: 1332-58-7 Synonyms: No available information	3 - 7	Not Classified	-----
Cellulose CAS Number: 9004-34-6 Synonyms: No available information	3 - 7	Combustible Dust	-----
Pregelatinized Starch CAS Number: 9005-25-8 Synonyms: Sago starch	3 - 7	Not Classified	-----
Dolomite CAS Number: 16389-88-1 Synonyms: Calcidol, Gurhofite, Sindofom K, Virpazar	3 - 7	Not Classified	-----

Fatty acids, castor-oil, caustic-oxidized, distillation residues, esters with ammonia-ethylene oxide reaction product di CAS Number: 113669-97-9 Synonyms: Fatty acids, castor-oil, caustic-oxidized, distn. residues, esters with ammonia-ethylene oxide reaction product distn. residues, compds. with diethylenetriamine and triethylenetetramine	3 - 7	Not Classified	-----
Aluminium hydroxide CAS Number: 21645-51-2 Synonyms: No available information	1 - 5	Not Classified	-----
Potassium bromide CAS Number: 59217-61-7 Synonyms: No available information	0.5 - 1.5	Serious eye damage / eye irritation, category 2;H319	-----

The actual concentration or concentration range is withheld as a trade secret.

*PBT/vPvB - PBT, vPvM or vPvB-substance.

The full texts of the phrases are shown in Section 16.

Section 4. First aid measures

Description of first aid measures

General	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
Inhalation	Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious, place in the recovery position and obtain immediate medical attention. Give nothing by mouth.
Eyes	Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.
Skin	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.
Ingestion	If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.
Most important symptoms and effects, both acute and delayed	
Overview	No specific symptom data available. No chronic toxicity or long term toxicity information available. Treat symptomatically. See section 2 for further details.
Skin	Causes skin irritation.
Ingestion	Harmful if swallowed.

Section 5. Fire-fighting measures

Extinguishing media

Recommended extinguishing media; alcohol resistant foam, CO₂, powder, water spray.

Unsuitable extinguishing media: Do not use; water jet.

Special hazards arising from the substance or mixture

Hazardous decomposition: No hazardous decomposition data available.

Advice for fire-fighters

As with all fires, wear positive pressure, self-contained breathing apparatus, (SCBA) with a full face piece and protective clothing. Persons without respiratory protection should leave area. Wear SCBA during clean-up immediately after fire. No smoking.

ERG Guide No. ---

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).

Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

Environmental precautions

Do not allow spills to enter drains or waterways.

Methods and material for containment and cleaning up

Sweep up solids and vacuum dust.

Section 7. Handling and storage

Precautions for safe handling

The panel boards are not supposed to be cut, to avoid additional exposure.

See section 2 for further details. - [Prevention]

Conditions for safe storage, including any incompatibilities

Incompatible materials: No data available.

See section 2 for further details. - [Storage]

Specific end use(s)

No data available.

Section 8. Exposure controls / personal protection

Control parameters

Exposure Limits

CAS No.	Ingredient	Source	Value
471-34-1	Calcium carbonate	OSHA	TWA 10 mg/m ³ (total) TWA 5 mg/m ³ (resp)
		ACGIH	No Established Limit
		NIOSH	TWA 10 mg/m ³ (total) TWA 5 mg/m ³ (resp)
1317-65-3	Limestone	OSHA	15 mg/m ³ (total dust), 5 mg/m ³ (respirable fraction)
		ACGIH	TWA: 10 mg/m ³ Ceiling: 20 mg/m ³
		NIOSH	TWA 10 mg/m ³ (total) TWA 5 mg/m ³ (resp)
1332-58-7	Kaolin	OSHA	15 mg/m ³ (total dust), 5 mg/m ³ (respirable fraction)

Safety Data Sheet
Mineral Fiber Templok® Ceiling
Panels (PVC-Free)

Revision
Date: 09/22/2025

		ACGIH	2 mg/m ³ (E, R) asbestos and crystalline silica < 1%, Respirable
		NIOSH	TWA 10 mg/m ³ (total) TWA 5 mg/m ³ (resp)
9004-34-6	Cellulose	OSHA	15 mg/m ³ (total dust), 5 mg/m ³ (respirable fraction)
		ACGIH	10 mg/m ³
		NIOSH	TWA 10 mg/m ³ (total) TWA 5 mg/m ³ (resp)
9005-25-8	Pregelatinized Starch	OSHA	15 mg/m ³ (total dust), 5 mg/m ³ (respirable fraction)
		ACGIH	10 mg/m ³
		NIOSH	TWA 10 mg/m ³ (total) TWA 5 mg/m ³ (resp)
10035-04-8	Calcium chloride	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
16389-88-1	Dolomite	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
21645-51-2	Aluminium hydroxide	OSHA	15 mg/m ³ (total dust), 5 mg/m ³ (respirable fraction) (as aluminum)
		ACGIH	TWA 1 mg/m ³ (respirable particulate matter) (Aluminum and its insoluble compounds)
		NIOSH	10 mg/m ³ (total dust), 5 mg/m ³ (respirable fraction) (as Aluminum)
59217-61-7	Potassium bromide	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
65997-17-3	Glass oxide, glass	OSHA	15 mg/m ³ (as nuisance dust) 5 mg/m ³ (respirable fraction)
		ACGIH	10 mg/m ³ (as nuisance dust) 5 mg/m ³ (respirable fraction)
		NIOSH	No Established Limit
113669-97-9	Fatty acids, castor-oil, caustic-oxidized, distillation residues, esters with ammonia-ethylene oxide reaction product di	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
130885-09-5	Perlite	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit

Exposure controls

Respiratory

If workers are exposed to concentrations above the exposure limit, they must use the appropriate, certified respirators.

Eyes

Protective safety glasses recommended

Skin

Wear PVC or rubber gloves to keep skin contact to a minimum. Refer to the manufacturer's recommendations regarding the suitability of any gloves used.

Engineering Controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

Other Work Practices

Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details.

Section 9. Physical and chemical properties

Information on basic physical and chemical properties

Physical State	Solid
Color	White
Odor	No Odor
Odor threshold	Not Available
Melting point / freezing point	Not Available
Initial boiling point and boiling range	Not Available
Flammability (solid, gas)	Not Applicable
Upper/lower flammability or explosive limits	Lower Explosive Limit: Not Available Upper Explosive Limit: Not Available
Flash Point	Not Available
Auto-ignition temperature	Not Available
Decomposition temperature	Not Available
pH	Not Available
Viscosity (cSt)	Not Available
Solubility in Water	Insoluble
Partition coefficient n-octanol/water (Log Kow)	Not Available
Vapor pressure (Pa)	Not Available
Relative Density	Not Available
Vapor Density	Not Available
Evaporation rate (Ether = 1)	Not Available
VOC Content	Not Available
Other information	No other relevant information.

Section 10. Stability and reactivity

Reactivity

Hazardous Polymerization will not occur.

Chemical stability

Stable under normal circumstances.

Possibility of hazardous reactions

No data available.

Conditions to avoid

No data available.

Incompatible materials

No data available.

Hazardous decomposition products

No hazardous decomposition data available.

Section 11. Toxicological information

Acute toxicity

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Glass oxide, glass - (65997-17-3)	No data available.	No data available.	No data available.	No data available.	No data available.
Calcium chloride - (10035-04-8)	No data available.	No data available.	No data available.	No data available.	No data available.
Perlite - (130885-09-5)	No data available.	No data available.	No data available.	No data available.	No data available.
Limestone - (1317-65-3)	No data available.	No data available.	No data available.	No data available.	No data available.
Calcium carbonate - (471-34-1)	>2,000.00, Rat - Category: 5	>2,000.00, Rat - Category: 5	No data available.	No data available.	No data available.
Kaolin - (1332-58-7)	No data available.	No data available.	No data available.	No data available.	No data available.
Cellulose - (9004-34-6)	> 5,000.00, Rat - Category: NA	No data available.	No data available.	No data available.	No data available.
Pregelatinized Starch - (9005-25-8)	No data available.	No data available.	No data available.	No data available.	No data available.
Dolomite - (16389-88-1)	5,000.00, Rat - Category: 5	No data available.	No data available.	No data available.	No data available.
Fatty acids, castor-oil, caustic-oxidized, distillation residues, esters with ammonia-ethylene oxide reaction product di - (113669-97-9)	No data available.	No data available.	No data available.	No data available.	No data available.
Aluminium hydroxide - (21645-51-2)	> 10,000, Rat - Category: NA	No data available.	No data available.	No data available.	No data available.
Potassium bromide - (59217-61-7)	No data available.	No data available.	No data available.	No data available.	No data available.

Carcinogen Data

CAS No.	Ingredient	Source	Value
471-34-1	Calcium carbonate	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	No
		ACGIH	No Established Limit
1317-65-3	Limestone	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	No

Safety Data Sheet
Mineral Fiber Templok® Ceiling
Panels (PVC-Free)

Revision
Date: 09/22/2025

		ACGIH	No Established Limit
1332-58-7	Kaolin	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	No
		ACGIH	A4
9004-34-6	Cellulose	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	No
		ACGIH	No Established Limit
9005-25-8	Pregelatinized Starch	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	No
		ACGIH	A4
10035-04-8	Calcium chloride	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	No
		ACGIH	No Established Limit
16389-88-1	Dolomite	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	No
		ACGIH	No Established Limit
21645-51-2	Aluminium hydroxide	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	No
		ACGIH	No Established Limit
59217-61-7	Potassium bromide	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	No
		ACGIH	No Established Limit
65997-17-3	Glass oxide, glass	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	No
		ACGIH	No Established Limit
113669-97-9	Fatty acids, castor-oil, caustic-oxidized, distillation residues, esters with ammonia-ethylene oxide reaction product di	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	No
		ACGIH	No Established Limit
130885-09-5	Perlite	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	No
		ACGIH	No Established Limit

Classification	Category	Hazard Description
Acute toxicity (oral)	4	Harmful if swallowed.
Acute toxicity (dermal)	---	Not Applicable

Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	2	Causes skin irritation.
Serious eye damage/irritation	---	Not Applicable
Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

Possible routes of entry:

All routes of entry possible.

Symptoms and effects, both acute and delayed:

No specific symptom data available.

No chronic toxicity or long term toxicity information available. Treat symptomatically.

Skin Causes skin irritation.

Ingestion Harmful if swallowed.

Section 12. Ecological information

Toxicity

No additional information provided for this product. See Section 3 for chemical specific data.

Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/L	48 hr EC50 crustacea, mg/L	ErC50 algae, mg/L
Glass oxide, glass - (65997-17-3)	> 1,000, Danio rerio	No data available.	No data available.
Calcium chloride - (10035-04-8)	No data available.	No data available.	No data available.
Perlite - (130885-09-5)	No data available.	No data available.	No data available.
Limestone - (1317-65-3)	No data available.	No data available.	No data available.
Calcium carbonate - (471-34-1)	101.00, Oncorhynchus mykiss	101.00, Daphnia magna	No data available.
Kaolin - (1332-58-7)	No data available.	No data available.	No data available.
Cellulose - (9004-34-6)	100.00, Fish (Piscis)	No data available.	No data available.
Pregelatinized Starch - (9005-25-8)	No data available.	No data available.	No data available.
Dolomite - (16389-88-1)	No data available.	No data available.	No data available.
Fatty acids, castor-oil, caustic-oxidized, distillation residues, esters with ammonia-ethylene oxide reaction product di - (113669-97-9)	No data available.	No data available.	No data available.
Aluminium hydroxide - (21645-51-2)	219.00, Fish	0.07, Daphnia magna	0.02, Algae
Potassium bromide - (59217-61-7)	No data available.	No data available.	No data available.

Persistence and degradability

There is no data available on the preparation itself.

Bioaccumulative potential

Not Available

Mobility in soil

No data available.

Results of PBT and vPvB assessment

This product contains no PBT/vPvB/vPvM chemicals.

Other adverse effects

No data available.

Section 13. Disposal considerations

Waste treatment methods

Waste should not be released to sewers. Observe all federal, state, and local regulations when disposing of this substance.

Section 14. Transport information

	DOT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
UN number	Not Regulated	Not Regulated	Not Regulated
UN proper shipping name	Not Regulated	Not Regulated	Not Regulated
Transport hazard class(es)	Class: Not Applicable Sub Class: Not Applicable	Class: Not Applicable Sub Class: Not Applicable	Class: Not Applicable Sub Class: Not Applicable
Packing group	Not Applicable	Not Applicable	Not Applicable
Environmental hazards			
	IMDG Marine Pollutant: No;		
Special precautions for user	Not Applicable		

Section 15. Regulatory information

Regulatory Overview The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

Classification of the substance or mixture under OSHA's Hazard Communication Standard (1910.1200) revised 2024 (GHS revision 7).

Toxic Substance Control Act (TSCA)

CAS Number	Ingredient	Toxic Substance Control Act (TSCA)	Comments	Status
0021645-51-2	Aluminium hydroxide	Yes		ACTIVE
0000471-34-1	Calcium carbonate	Yes		ACTIVE
0010035-04-8	Calcium chloride	No		
0009004-34-6	Cellulose	Yes	XU	ACTIVE
0016389-88-1	Dolomite	Yes		ACTIVE
0113669-97-9	Fatty acids, castor-oil, caustic-oxidized, distillation residues, esters with ammonia-ethylene oxide reaction product di	Yes	UVCB	INACTIVE
0065997-17-3	Glass oxide, glass	Yes	UVCB	ACTIVE
0001332-58-7	Kaolin	Yes	UVCB	ACTIVE
0001317-65-3	Limestone	Yes	UVCB	ACTIVE
0130885-09-5	Perlite	No		
0059217-61-7	Potassium bromide	No		
0009005-25-8	Pregelatinized Starch	Yes	XU	ACTIVE

EPCRA 302 Extremely Hazardous:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

EPCRA 313 Toxic Chemicals:

Glass oxide, glass

Proposition 65 - Carcinogens (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Developmental Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Female Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Male Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 Label Warning:

This product contains no chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Section 16. Other information

Revision Date 09/22/2025

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H302 Harmful if swallowed.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

Disclaimer: The information presented herein is supplied as a guide to those who handle or use this product. Safe work practices must be employed when working with any materials. It is important that the end user makes a determination regarding the adequacy of the safety procedures employed during the use of this product.

End of Document