

SAFETY DATA SHEET

PARABOND® FUSION SERIES 5082

Version 1.0

Revision Date 04/10/2025

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : PARABOND® FUSION SERIES 5082
Product code : 100000012239

Manufacturer or supplier's details

Company : TEC Specialty Products
Address : 1105 South Frontenac
Aurora, IL, 60504
Telephone : 800-832-9023

Medical Emergency Phone Number (24 Hours) : 1-800-424-9300

Transport Emergency Phone Number (CHEMTREC): 1-800-424-9300

Recommended use of the chemical and restrictions on use

Recommended use : Adhesive

SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview

Appearance	liquid
Color	tan
Odor	characteristic

GHS Classification

Skin irritation : Category 2
Eye irritation : Category 2A

GHS label elements

Hazard pictograms :



Signal Word : Warning

Hazard Statements:

H315 Causes skin irritation. H319 Causes serious eye irritation.

Precautionary Statements:

Prevention: P264 Wash skin thoroughly after handling. P280 Wear protective gloves/ eye protection/ face protection.

Response: P302 + P352 IF ON SKIN: Wash with plenty of soap and water. P305 + P351 + P338 IF

SAFETY DATA SHEET

PARABOND® FUSION SERIES 5082

Version 1.0

Revision Date 04/10/2025

IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P332 + P313 If skin irritation occurs: Get medical advice/ attention. P337 + P313 If eye irritation persists: Get medical advice/ attention. P362 Take off contaminated clothing and wash before reuse.

Potential Health Effects

Carcinogenicity:

IARC

Group 1: Carcinogenic to humans During normal handling of the product, this substance is encapsulated within the product and will not present a cancer exposure risk.
Quartz (SiO₂) 14808-60-7

OSHA

Group 1: Carcinogenic to humans

No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.
No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

NTP

Known to be human carcinogen During normal handling of the product, this substance is encapsulated within the product and will not present a cancer exposure risk.
Quartz (SiO₂) 14808-60-7

Known to be human carcinogen

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Hazardous ingredients

Chemical name	CAS-No.	Concentration [%]
2-Propenoic acid, 2-methyl-, polymer with butyl 2-propenoate, 2-ethylhexyl 2-propenoate and 2-propenenitrile	55973-76-7	30 - 50
Feldspar-group minerals	68476-25-5	10 - 20
Quartz (SiO ₂)	14808-60-7	1 - 5
Actual concentration is withheld as a trade secret		
2-Propenoic acid, 2-methyl-, polymer with butyl 2-propenoate, 2-ethylhexyl 2-propenoate and 2-propenenitrile	55973-76-7	30 - 50
Feldspar-group minerals	68476-25-5	10 - 20
Mineral oil	64742-52-5	5 - 10
Quartz (SiO ₂)	14808-60-7	1 - 5
Actual concentration is withheld as a trade secret		
2-Propenoic acid, 2-methyl-, polymer with butyl 2-propenoate, 2-ethylhexyl 2-propenoate and 2-propenenitrile	55973-76-7	30 - 50

SAFETY DATA SHEET

PARABOND® FUSION SERIES 5082

Version 1.0

Revision Date 04/10/2025

Feldspar-group minerals	68476-25-5	10 - 20
Quartz (SiO ₂)	14808-60-7	1 - 5

Actual concentration is withheld as a trade secret

SECTION 4. FIRST AID MEASURES

General advice	: In the case of accident or if you feel unwell, seek medical advice immediately.
If inhaled	: Move to fresh air in case of accidental inhalation of vapors or decomposition products.
In case of skin contact	: Wash off with soap and water. Get medical attention if irritation develops and persists.
In case of eye contact	: Flush eyes with water at least 15 minutes. Get medical attention if eye irritation develops or persists.
If swallowed	: If conscious, drink plenty of water. Never give anything by mouth to an unconscious person. Consult a physician if necessary.
Most important symptoms and effects, both acute and delayed	: Causes skin irritation. Causes serious eye irritation.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Unsuitable extinguishing media	: None known.
Hazardous combustion products	: No hazardous combustion products are known
Specific extinguishing methods	:
Further information	: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Special protective equipment for fire-fighters	: Wear an approved positive pressure self-contained breathing apparatus in addition to standard fire fighting gear.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and	: Refer to protective measures listed in sections 7 and 8.
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SAFETY DATA SHEET

PARABOND® FUSION SERIES 5082

Version 1.0

Revision Date 04/10/2025

emergency procedures

Environmental precautions : Prevent product from entering drains.
Should not be released into the environment.

Methods and materials for
containment and cleaning up

: Ventilate the area.
Soak up with inert absorbent material.
Shovel into suitable container for disposal.

SECTION 7. HANDLING AND STORAGE

Local/Total ventilation : Use only with adequate ventilation.

Advice on safe handling : Use only with adequate ventilation/personal protection.
Keep container closed when not in use.

Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated
place.
Store in original container.

Materials to avoid : Do not store together with oxidizing and self-igniting products.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Quartz (SiO ₂)	14808-60-7	TWA (Respirable particulate matter)	0.025 mg/m ³	ACGIH
		TWA (total dust)	30 mg/m ³ / %SiO ₂ +2	OSHA Z-3
		TWA (respirable)	10 mg/m ³ / %SiO ₂ +2	OSHA Z-3
		TWA (respirable)	250 mppcf / %SiO ₂ +5	OSHA Z-3
		TWA (Respirable fraction)	0.1 mg/m ³	OSHA P0
		TWA (Respirable dust)	0.05 mg/m ³	OSHA Z-1
		PEL	0.05 mg/m ³	CAL PEL

SAFETY DATA SHEET

PARABOND® FUSION SERIES 5082

Version 1.0

Revision Date 04/10/2025

		(Respirable dust)		
		TWA (respirable dust fraction)	0.1 mg/m3	OSHA P0

During normal handling of the product, this substance is encapsulated within the product and will not present a cancer exposure risk.

Quartz (SiO2)	14808-60-7	TWA (Respirable particulate matter)	0.025 mg/m3	ACGIH
		TWA (total dust)	30 mg/m3 / %SiO2+2	OSHA Z-3
		TWA (respirable)	10 mg/m3 / %SiO2+2	OSHA Z-3
		TWA (respirable)	250 mppcf / %SiO2+5	OSHA Z-3
		TWA (Respirable fraction)	0.1 mg/m3	OSHA P0
		TWA (Respirable dust)	0.05 mg/m3	OSHA Z-1
		PEL (Respirable dust)	0.05 mg/m3	CAL PEL
		TWA (respirable dust fraction)	0.1 mg/m3	OSHA P0
Mineral oil	64742-52-5	TWA (Mist)	5 mg/m3	OSHA Z-1
		TWA (Inhalable particulate matter)	5 mg/m3	ACGIH
		TWA	5 mg/m3	OSHA P0
		TWA (Mist)	5 mg/m3	NIOSH REL
		ST (Mist)	10 mg/m3	NIOSH REL
		TWA (Mist)	5 mg/m3	OSHA P0
		TWA (Mist)	5 mg/m3	OSHA Z-1
		TWA (Mist)	5 mg/m3	OSHA P0
		TWA (Mist)	5 mg/m3	NIOSH REL
		ST (Mist)	10 mg/m3	NIOSH REL
		PEL (particulate)	5 mg/m3	CAL PEL
Quartz (SiO2)	14808-60-7	TWA (Respirable particulate matter)	0.025 mg/m3	ACGIH
		TWA (total dust)	30 mg/m3 / %SiO2+2	OSHA Z-3

SAFETY DATA SHEET

PARABOND® FUSION SERIES 5082

Version 1.0

Revision Date 04/10/2025

		TWA (respirable)	10 mg/m ³ / %SiO ₂ +2	OSHA Z-3
		TWA (respirable)	250 mppcf / %SiO ₂ +5	OSHA Z-3
		TWA (Respirable fraction)	0.1 mg/m ³	OSHA P0
		TWA (Respirable dust)	0.05 mg/m ³	OSHA Z-1
		PEL (Respirable dust)	0.05 mg/m ³	CAL PEL
		TWA (respirable dust fraction)	0.1 mg/m ³	OSHA P0

Personal protective equipment

Respiratory protection : Use respiratory protection unless adequate risk management measures (exhaust/ ventilation) are provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.

Filter type : Organic vapor Type

Hand protection
Material : Nitrile rubber

Eye protection : Safety glasses with side-shields

Skin and body protection : Skin should be washed after contact.

Protective measures : Avoid contact with skin.

Hygiene measures : Avoid contact with skin, eyes and clothing.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid
Color : tan
Odor : characteristic
Odor Threshold : no data available
pH : is not determined
7.2 - 8
: is not determined

SAFETY DATA SHEET**PARABOND® FUSION SERIES 5082**

Version 1.0

Revision Date 04/10/2025

	: is not determined
Flash point	: is not determined
Evaporation rate	: is not determined
Upper explosion limit	: Upper flammability limit is not determined
Lower explosion limit	: Lower flammability limit is not determined
Vapor pressure	: is not determined
Density	: 10 lb/gal
Solubility(ies)	
Water solubility	: is not determined
Partition coefficient: n- octanol/water	: no data available
Autoignition temperature	: is not determined
Viscosity	
Viscosity, kinematic	: is not determined
VOC, less water, in g/l	: < 1

SECTION 10. STABILITY AND REACTIVITY

Chemical stability	: The product is chemically stable.
Hazardous decomposition products	: No decomposition if stored and applied as directed.

SECTION 11. TOXICOLOGICAL INFORMATION**Acute toxicity**

No data available

Skin corrosion/irritation

No data available

Serious eye damage/eye irritation

No data available

Respiratory or skin sensitization

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

SAFETY DATA SHEET**PARABOND® FUSION SERIES 5082**

Version 1.0

Revision Date 04/10/2025

Product:

Carcinogenicity - Assessment : Not classifiable as a human carcinogen

Reproductive toxicity

No data available

STOT-single exposure

No data available

STOT-repeated exposure**Product:**

Assessment: The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

Aspiration toxicity

No data available

SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity**

No data available

Persistence and degradability

No data available

Bioaccumulative potential**Mobility in soil**

No data available

Other adverse effects

No data available

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal methods**

Waste from residues : Do not dispose of together with household waste.
The hazard and precautionary statements displayed on the label also apply to any residues left in the container. Do not dispose of waste into sewer.
To the best of our knowledge, this product does not meet the definition of hazardous waste under the U.S. EPA Hazardous

SAFETY DATA SHEET

PARABOND® FUSION SERIES 5082

Version 1.0

Revision Date 04/10/2025

Waste Regulations 40 CFR 261. Disposal via incineration at an approved facility is recommended, as industry best practice. Consult state, local or provincial authorities for more restrictive requirements.

SECTION 14. TRANSPORT INFORMATION

International Regulations

UNRTDG

Not regulated as a dangerous good

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

Domestic regulation

49 CFR

Not regulated as a dangerous good

SECTION 15. REGULATORY INFORMATION

SARA 311/312 Hazards : Skin corrosion or irritation
Serious eye damage or eye irritation

SARA 302 : This material does not contain any components with a section 302 EHS TPQ.

SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Clean Air Act

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

US State Regulations

SAFETY DATA SHEET

PARABOND® FUSION SERIES 5082

Version 1.0

Revision Date 04/10/2025

California Prop 65

Please contact Supplier for more information.

The ingredients of this product are reported in the following inventories:

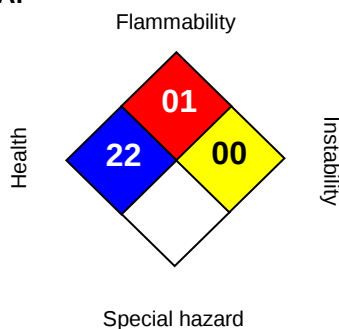
TSCA

All substances listed as active on the TSCA inventory
Please reach out to TEC Specialty Products LLC for further information regarding chemical inventories not listed above. **Inventories Legend** TSCA (USA), DSL (Canada), REACH(Europe), AIIIC (Australia), NZIoC (New Zealand), ENCS (Japan), KECI (Korea), PICCS (Philippines), IECSC (China), TWINV (Taiwan)

SECTION 16. OTHER INFORMATION

Further information

NFPA:



HMIS III:

HEALTH	2
FLAMMABILITY	0
PHYSICAL HAZARD	0

0 = not significant, 1 =Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic