Fill-A-Fix™
Porcelain Chip Filler

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME	**FILL-A-FIX**
PRODUCT CLASS	FAST DRYING PUTTY
COLOR	White
PRODUCT CODE	PF-12
PRODUCT TYPE	Liquid
RECOMMENDED USE	Paint

MANUFACTURER

Fixture-Fix LLC. 25 Perry Avenue suite #1,
Norwalk. CT 06850
United States

www.fixture-fix.com

Emergency Telephone Number(s)

718-Fixture (349-8873) / 1(516) 456-6978

SECTION 2. HAZARDS IDENTIFICATION

OSHA/HCS status	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
Classification of the substance or mixture	CARCINOGENICITY - Category 1A SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1 Percentage of the mixture consisting of ingredient(s) of unknown acute toxicity: 6.9% (oral), 6.9% (dermal), 6.9% (inhalation)
GHS label elements **Hazard pictograms**	
Signal word	Danger
Hazard statements	May cause cancer. Causes damage to organs through prolonged or repeated exposure. (lungs)
Precautionary statements General	Keep out of reach of children. If medical advice is needed, have product container or label at hand.
Prevention	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing and eye or face protection. Do not breathe vapor. Do not eat, drink or smoke when using this product. Wash thoroughly after handling.

SECTION 2. HAZARDS IDENTIFICATION

Response	IF exposed or concerned: Get medical advice or attention.
Storage	Store locked up.
Disposal	Dispose of contents and container in accordance with all local, regional, national and international regulations.
Supplemental label elements	WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Adequate ventilation required when sanding or abrading the dried film. If Adequate ventilation cannot be provided wear an approved particulate respirator (NIOSH approved). Follow respirator manufacturer's directions for respirator use. DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE. Abrading or sanding of the dry film may release Crystalline Silica which has been shown to cause lung damage and cancer under long term exposure. This product contains a TSCA regulated chemical. See Section 15 of the US SDS for details. Please refer to the SDS for additional information. Keep out of reach of children. Do not transfer contents to other containers for storage.
Hazards not otherwise classified	None known.
Hazards identified when used	No known significant effects or critical hazards.

SECTION 3. COMPOSITION INFORMATION ON COMPONENTS

Substance/mixture : Mixture

Other means of identification: Not available.

CAS number/other identifiers		
Ingredient name	**% by weight**	**Identifiers**
Titanium Dioxide	< 1%	13463-67-7
Kaolin	< 1%	1332-58-7
Mica	< 1%	12001-26-2
Talc	< 1%	14807-96-6
Crystalline Silica, non-respirable	< 1%	14808-60-7
Attapulgite Clay	< 1%	12174-11-7
Cristobalite, respirable powder	< 1%	14464-46-1
Fumed Silica	< 1%	112945-52-5

Any concentration shown as a range is to protect confidentiality or is due to batch variation.
There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

SECTION 4. FIRST AID MEASURES

EYE CONTACT:

If this product enters the eyes, check for and remove any contact lenses. Open eyes while under gently running water. Use sufficient force to open eyelids. "Roll" eyes to expose more surface. Minimum flushing is for 15 minutes. Seek immediate medical attention.

INHALATION:

After high vapor exposure, remove to fresh air. If breathing is difficult, give oxygen. If breathing has stopped, trained personnel should immediately begin artificial respiration. If unconscious or the heart has stopped, trained personnel should immediately begin cardiopulmonary resuscitation (CPR). Mantain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. Seek immediate medical attention.

SKIN CONTACT:

If the product contaminates the skin, immediately begin decontamination with running water. Minimum flushing is for 15 minutes. Remove contaminated clothing, taking care not to contaminate eyes. If skin becomes irritated and irritation persists, medical attention may be necessary.
Wash contaminated clothing before reuse. Clean shoes thoroughly before reuse.

INGESTION:

If swallowed, CALL PHYSICIAN OR POISON CONTROL CENTER FOR MOST CURRENT INFORMATION. If professional advice is not available, give two glasses of water to drink. DO NOT INDUCE VOMITING. Never induce vomiting or give liquids to someone who is unconscious, having convulsions, or unable to swallow. Seek immediate medical attention. Loosen tight clothing such as a collar, tie, belt or waistband.

Most important symptoms/effects, acute and delayed

Potential acute health effects	
Eye contact	No known significant effects or critical hazards.
Inhalation	No known significant effects or critical hazards.
Skin contact	No known significant effects or critical hazards.
Ingestion	No known significant effects or critical hazards.

Over-exposure signs/symptoms	
Eye contact	No specific data.
Inhalation	No specific data.
Skin contact	No specific data.
Ingestion	No specific data.

Indication of immediate medical attention and special treatment needed, if necessary	
Notes to physician	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatments	No specific treatment.
Protection of first-aiders	No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing media	
Suitable extinguishing media	Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	None known.

Specific hazards arising from the chemical	In a fire or if heated, a pressure increase will occur and the container may burst.
Hazardous thermal decomposition products	Decomposition products may include the following materials: carbon dioxide carbon monoxide metal oxide/oxides

Special protective actions for fire-fighters	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Special protective equipment for fire-fighters	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	
For non-emergency personnel	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
For emergency responders	If specialized clothing is required to deal with the spillage, take note of any information in **Section 8** on suitable and unsuitable materials. See also the information in "For nonemergency personnel".

Personal precautions, protective equipment and emergency procedures	
Environmental precautions	This product contains a TSCA regulated chemical. See Section 15 of the US SDS for details. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and materials for containment and cleaning up	
Small spill	Stop leak if without risk. Move containers from spill area. Absorb with an inert material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
Large spill	Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling	
Protective measures	Put on appropriate personal protective equipment (see Section 8). Avoid exposure, obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
Advice on general occupational hygiene	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
Conditions for safe storage, including any incompatibilities	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well ventilated area, away from incompatible materials (**see Section 10**) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

Occupational exposure limits (OSHA United States)

Ingredient name	CAS #	Exposure limits
Titanium Dioxide	13463-67-7	**ACGIH TLV (United States,1/2024)** A3. TWA 8 hours: 2.5 mg/m^3. Form: respirable fraction, finescale particles. **NIOSH REL (United States, 10/2020)** NIA. **OSHA PEL (United States, 5/2018)** TWA 8 hours: 15 mg/m^3. Form: Total dust.
Kaolin	1332-58-7	**ACGIH TLV (United States, 1/2024)** A4. TWA 8 hours: 2 mg/m^3. Form: Respirable fraction. **NIOSH REL (United States, 10/2020)** TWA 10 hours: 10 mg/m^3. Form: Total. TWA 10 hours: 5 mg/m^3. Form: Respirable fraction. **OSHA PEL (United States, 5/2018)** TWA 8 hours: 15 mg/m^3. Form: Total dust. TWA 8 hours: 5 mg/m^3. Form: Respirable fraction.
Mica	12001-26-2	**ACGIH TLV (United States, 1/2024)** TWA 8 hours: 0.1 mg/m^3. Form: Respirable fraction. **NIOSH REL (United States, 10/2020)** TWA 10 hours: 3 mg/m^3. Form: Respirable fraction. **OSHA PEL Z3 (United States, 6/2016)** TWA 8 hours: 20 mppcf.
Talc	14807-96-6	**ACGIH TLV (United States, 1/2024)** A4. TWA 8 hours: 2 mg/m^3. Form: Respirable fraction. **NIOSH REL (United States, 10/2020)** TWA 10 hours: 2 mg/m^3. Form: Respirable fraction.
Crystalline Silica, non-respirable	14808-60-7	**OSHA PEL (United States, 5/2018) [Silica, crystalline]** TWA 8 hours: 50 µg/m^3. Form: Respirable dust. **OSHA PEL Z3 (United States, 6/2016)** TWA 8 hours: 30 / (%SiO_2+2) mg/m^3. Form: Total dust.
Attapulgite Clay	12174-11-7	None.
Cristobalite, respirable powder	14464-46-1	**ACGIH TLV (United States, 1/2024) [Silica, crystalline]** A2. TWA 8 hours: 0.025 mg/m^3. Form: Respirable fraction. **NIOSH REL (United States, 10/2020)** **[SILICA, CRYSTALLINE]** NIA. TWA 10 hours: 0.05 mg/m^3. Form: respirable dust. **OSHA PEL (United States, 5/2018) [Silica, crystalline]** TWA 8 hours: 50 µg/m^3. Form: Respirable dust. **OSHA PEL Z3 (United States, 6/2016)** TWA 8 hours: 250 / 2 x (%SiO_2+5) mppcf. Form: Respirable. TWA 8 hours: 10 / 2 x (%SiO_2+2) mg/m^3. Form: Respirable. TWA 8 hours: 30 / 2 x (%SiO_2+2) mg/m^3. Form: Total dust.

Occupational exposure limits (Canada)

Ingredient name	CAS #	Exposure limits
Kaolin	1332-58-7	**CA Saskatchewan Provincial (Canada, 4/2021)** STEL 15 minutes: 4 mg/m^3. Form: respirable fraction. TWA 8 hours: 2 mg/m^3. Form: respirable fraction. **CA British Columbia Provincial (Canada, 9/2024)** TWA 8 hours: 2 mg/m^3. Form: Respirable. Notes: the value is for particulate matter containing no asbestos and less than 1% crystalline silica. **CA Ontario Provincial (Canada, 6/2019)** TWA 8 hours: 2 mg/m^3. Form: Respirable particulate matter.. **CA Quebec Provincial (Canada, 2/2024)** TWAEV 8 hours: 2 mg/m^3. Form: respirable aerosol fraction. **CA Alberta Provincial (Canada, 3/2023)** OEL 8 hours: 2 mg/m^3. Form: Respirable.
talc (none asbesti-form)	14807-96-6	**CA Saskatchewan Provincial (Canada, 4/2021)** TWA 8 hours: 2 mg/m^3. Form: respirable fraction. **CA British Columbia Provincial (Canada, 9/2024)** TWA 8 hours: 2 mg/m^3. Form: Respirable. Notes: the value is for particulate matter containing no asbestos and less than 1% crystalline silica. **CA Ontario Provincial (Canada, 6/2019)** TWA 8 hours: 2 mg/m^3. Form: Respirable particulate matter. TWA 8 hours: 2 fibers/cm^3. **CA Quebec Provincial (Canada, 2/2024)** TWAEV 8 hours: 2 mg/m^3. Form: respirable aerosol fraction. **CA Alberta Provincial (Canada, 3/2023)** OEL 8 hours: 2 mg/m^3. Form: Respirable particulate.
2-Butoxyethanol	111-76-2	**CA Saskatchewan Provincial (Canada, 4/2021)** STEL 15 minutes: 30 ppm. TWA 8 hours: 20 ppm. **CA British Columbia Provincial (Canada, 9/2024)** TWA 8 hours: 20 ppm. **CA Ontario Provincial (Canada, 6/2019)** TWA 8 hours: 20 ppm. **CA Quebec Provincial (Canada, 2/2024) C3.** TWAEV 8 hours: 20 ppm. **CA Alberta Provincial (Canada, 3/2023)** OEL 8 hours: 97 mg/m^3. / OEL 8 hours: 20 ppm.
Quartz	14808-60-7	**CA Quebec Provincial (Canada, 2/2024)** **[Silica Crystalline - Tripoli]** TWAEV 8 hours: 0.1 mg/m^3. Form: respirable aerosol fraction. **CA Quebec Provincial (Canada, 2/2024)** **[Silica Crystalline -Quartz] C2.** TWAEV 8 hours: 0.1 mg/m^3. Form: respirable aerosol fraction.
Fibres-Natural Mineral Fibres, Attapulgite	12174-11-7	**CA Quebec Provincial (Canada, 2/2024)** **[Attapulgite]** C1**.** TWAEV 8 hours: 1 fibers/cm^3. Form: RESPIRABLE FIBRES (other than respirable asbestos fibres) : Objects, other than respirable asbestos fibres, longer than 5 µm, having a diameter of less than 3 µm and a ratio of length to diameter of more than 3 : 1.

Cristobalite	14464-46-1	**CA Saskatchewan Provincial (Canada, 4/2021)** TWA 8 hours: 0.05 mg/m^3. Form: respirable fraction. **CA British Columbia Provincial (Canada, 9/2024)** **[silica, crystalline - alpha quartz and cristobalite]** Carc 2A, Carc 1. TWA 8 hours: 0.025 mg/m^3. Form: Respirable. **CA Ontario Provincial (Canada, 6/2019)** TWA 8 hours: 0.05 mg/m^3. Form: Respirable particulate matter. **CA Quebec Provincial (Canada, 2/2024)** TWAEV 8 hours: 0.05 mg/m^3. Form: respirable aerosol fraction. **CA Alberta Provincial (Canada, 3/2023) A2.** OEL 8 hours: 0.025 mg/m^3. Form: Respirable particulate.

Occupational exposure limits (Mexico)
None.

Biological exposure indices (United States)
No exposure indices known.

Biological exposure indices (Canada)
No exposure indices known.

Biological exposure indices (Mexico)
No exposure indices known.

Appropriate engineering controls	If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.
Environmental exposure controls	**This product contains a TSCA regulated chemical. See Section 15 of the US SDS for details.** Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.
Individual protection measures	
Hygiene measures	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
Eye/face protection	Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with sideshields.

Skin protection	
Hand protection	Chemical-resistant, impervious gloves complying with an aproved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
Body protection	Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Other skin protection	Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Respiratory protection	Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE

PHYSICAL STATE	Liquid
COLOR	White
ODOR:	Not Available
ODOR THRESHOLD:	Not Available
pH (Neutrality):	9
MELTING POINT/FREEZING POINT:	Not Available
BOILING POINT OR INITIAL BOILING POINT AND BOILING RANGE :	100°C (212°F)
FLASH POINT:	Closed cup: Not applicable.
EVAPORATION RATE:	0.09 (butyl acetate = 1)
FLAMMABILITY:	Not available.
LOWER AND UPPER EXPLOSION LIMIT/FLAMMABILITY LIMIT:	Not available.
VAPOR PRESSURE	2.3 kPa (17.5 mm Hg)
RELATIVE VAPOR DENSITY:	1 [Air = 1]
RELATIVE DENSITY:	1.29
DENSITY:	1.28 g/cm^3

Solubility(ies):

Media	Result
cold water	Partially soluble

PARTITION COEFFICIENT: (n-Octane/Water)	Not applicable
AUTO IGNITION TEMPERATURE:	Not Available
DECOMPOSITION TEMPERATURE:	Not Available
VISCOSITY @ 20 C (ASTM D445):	Dynamic (room temperature): Not available. Kinematic (room temperature): Not available. Kinematic (40°C (104°F)): >20.5 mm2/s (>20.5 cSt)
MOLECULAR WEIGHT :	Not applicable.

PARTICLE CHARACTERISTICS

MEDIAN PARTICLE SIZE	Not applicable.
HEAT OF COMBUSTION	0.54 kJ/g

SECTION 10. STABILITY AND REACTIVITY

REACTIVITY	No specific test data related to reactivity available for this product or its ingredients.
CHEMICAL STABILITY	The product is stable.
POSSIBILITY OF HAZARDOUS REACTIONS	Under normal conditions of storage and use, hazardous reactions will not occur.
CONDITIONS TO AVOID	No specific data.
INCOMPATIBLE MATERIALS	No specific data.
HAZARDOUS DECOMPOSITION PRODUCTS	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity	Not available.
Skin corrosion/irritation	
Product/ingredient name	**Result**
Titanium Dioxide	**Human - Skin - Mild irritant** Duration of treatment/exposure: 72 hours Amount/concentration applied: 300 ug l
Talc	**Human - Skin - Mild irritant** Duration of treatment/exposure: 72 hours Amount/concentration applied: 300 ug l
Serious eye damage/eye irritation	Not available.
Respiratory corrosion/irritation	Not available.

Respiratory or skin sensitization	Not available.
Germ cell mutagenicity	Not available.
Carcinogenicity	Not available.

Classification			
Product/ingredient name	**OSHA**	**IARC**	**NTP**
Titanium Dioxide	-	2B	-
Talc	-	2A	-
Crystalline Silica, nonrespirable	+	1	Known to be a human carcinogen.
Attapulgite Clay	-	2B	-
Cristobalite, respirable powder	+	1	Known to be a human carcinogen.

Reproductive toxicity	Not available.
Specific target organ toxicity (single exposure)	Not available.
Specific target organ toxicity (single exposure)	
Product/ingredient name	**Result**
Kaolin	SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) (lungs) (inhalation) - Category 1
Mica	SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) (lungs) (inhalation) - Category 1
Talc	SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) (lungs) (inhalation) - Category 1
Cristobalite, respirable powder	SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) (respiratory tract) (inhalation) - Category 1
Aspiration hazard	Not available.
Information on the likely routes of exposure	Not available.
Potential acute health effects	
Eye contact	No known significant effects or critical hazards.
Inhalation	No known significant effects or critical hazards.
Skin contact	No known significant effects or critical hazards.
Ingestion	No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics	
Eye contact	No specific data.
Inhalation	No specific data.
Skin contact	No specific data.
Ingestion	No specific data.
Delayed and immediate effects and also chronic effects from short and long term exposure	
Short term exposure	
Potential immediate effects	Not available.
Potential delayed effects	Not available.
Long term exposure	
Potential immediate effects	Not available.
Potential delayed effects	Not available.
Potential chronic health effects	Not available.
General	Causes damage to organs through prolonged or repeated exposure.
Carcinogenicity	May cause cancer. Risk of cancer depends on duration and level of exposure.
Mutagenicity	No known significant effects or critical hazards.
Reproductive toxicity	No known significant effects or critical hazards.
Numerical measures of toxicity	
Acute toxicity estimates	N/A
Toxicity	
Product/ingredient name	**Result**
Titanium Dioxide	**Acute - LC50 - Marine water** Fish - Mummichog - Fundulus heteroclitus >1000 mg/l [96 hours] Effect: Mortality
Persistence and degradability	Not available.
Bioaccumulative potential	Not available.
Mobility in soil	
Soil/Water partition coefficient	Not available.

SECTION 12. ECOLOGICAL INFORMATION

Other adverse effects: No known significant effects or critical hazards.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods:

This product contains a TSCA regulated chemical. See Section 15 of the US SDS for details.

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14. TRANSPORT INFORMATION

	DOT Classification	TDG Classification	Mexico Classification	IATA	IMDG
UN number	Not regulated.	Not regulated.	Not regulated.	Not regulated.	Not regulated.
UN proper shipping name	-	-	-	-	-
Transport hazard class(es)	-	-	-	-	-
Packing group	-	-	-	-	-
Environmental hazards	No.	No.	No.	No.	No.
Additional information	-	-	-	-	-

Special precautions for user	Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (sea, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport. People loading and unloading dangerous goods must be trained on all of the risks deriving from the substances and on all actions in case of emergency situations.
Transport in bulk according to IMO instruments	Not available.
Proper shipping name	Not available.

SECTION 15. REGULATORY INFORMATION

U.S. Federal regulations	**TSCA 5(a)2 final significant new use rules**: Sodium Nitrite

List name	Name on list	Notes
TSCA 5(a)2 - Final significant new use rules 40 CFR 721.4740	Sodium Nitrite (Nitrites of Alkali Metals (Group IA elements))	40 CFR 721.4740

California Prop. 65
WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.
International regulations
Montreal Protocol: Not listed.
Stockholm Convention on Persistent Organic Pollutants: Not listed.

International lists	**Australia inventory (AIIC):**	Not determined.
	China inventory (IECSC):	Not determined.
	Japan inventory (CSCL):	Not determined.
	Japan inventory (ISHL):	Not determined.
	Korea inventory (KECI):	Not determined.
	New Zealand Inventory of Chemicals (NZIoC):	Not determined.
	Philippines inventory (PICCS):	Not determined.
	Taiwan Chemical Substances Inventory (TCSI):	Not determined.
	Thailand inventory:	Not determined.
	Turkey inventory:	Not determined.
	Vietnam inventory:	Not determined.

SECTION 16. OTHER INFORMATION

HAZARDOUS MATERIAL INFORMATION SYSTEM (U.S.A.)

HEALTH	*	3
FLAMMABILITY		0
PHYSICAL HAZARD		0

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.
Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

Procedure used to derive the classification	
Classification	**Justification**
CARCINOGENICITY - Category 1A SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1	Calculation method Calculation method

History	
Date of printing	11/8/2025
Date of issue/Date of revision	11/8/2025

Date of previous issue	9/13/2025	
Version	17	
Key to abbreviations	ATE =	Acute Toxicity Estimate
	BCF =	Bioconcentration Factor
	GHS =	Globally Harmonized System of Classification and Labelling of Chemicals
	IATA =	International Air Transport Association
	IBC =	Intermediate Bulk Container
	IMDG =	International Maritime Dangerous Goods
	LogPow =	logarithm of the octanol/water partition coefficient
	MARPOL =	International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
	N/A =	Not available
	SGG =	Segregation Group
	UN =	United Nations

NOTICE TO READER

It is recommended that each customer or recipient of this Safety Data Sheet (SDS) study it carefully and consult resources, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. This information is provided in good faith and believed to be accurate as of the effective date herein. However, no warranty, express or implied, is given. The information presented here applies only to the product as shipped. The addition of any material can change the composition, hazards and risks of the product. Products shall not be repackaged, modified, or tinted except as specifically instructed by the manufacturer, including but not limited to the incorporation of products not specified by the manufacturer, or the use or addition of products in proportions not specified by the manufacturer.

NOTICE TO THE READER

Regulatory requirements are subject to change and may differ between various locations and jurisdictions. The customer/buyer/user is responsible to ensure that his activities comply with all country, federal, state, provincial or local laws. The conditions for use of the product are not under the control of the manufacturer; the customer/buyer/user is responsible to
determine the conditions necessary for the safe use of this product. The customer/buyer/user should not use the product for any purpose other than the purpose shown in the applicable section of this SDS without first referring to the supplier and obtaining written handling instructions. Due to the proliferation of sources for information such as manufacturer-specific SDS, the manufacturer cannot be responsible for SDSs obtained from any other source.

END OF SAFETY DATA SHEET

PREPARED BY

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United States

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REVISION DATE: Revision Date: 01/15/ 2026