

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Issue date: 03/31/2021 Revision date: 04/05/2023 Version: 2.0

SECTION 1: Identification

1.1. Identification

Product form Product name

: Mixture

: Elasto-Glaze 6001 AL-HT (Clear)

1.2. Recommended use and restrictions on use

No additional information available

1.3. Supplier

Holcim Solutions and Products US, LLC 26 Century Boulevard, Suite 205 Nashville, Tennessee 37214 1-800-878-7876 • www.holcimpacpoly.com

1.4. Emergency telephone number

Emergency number

 For Chemical Emergency Spill, Leak, Fire, Exposure, or Incident CHEMTREC: Within USA and Canada: 1-800-424-9300 Outside USA and Canada: +1-703-527-3887 (collect calls accepted)

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

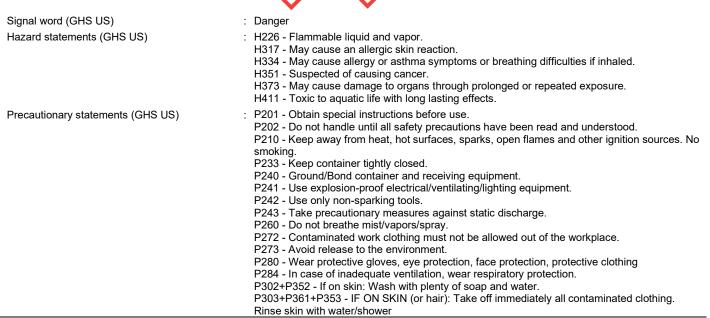
GHS-US classification

Flammable liquids, Category 3	H226
Respiratory sensitization, Category 1	H334
Skin sensitization, Category 1	H317
Carcinogenicity, Category 2	H351
Specific target organ toxicity - Repeated exposure, Category 2	H373
Hazardous to the aquatic environment - Chronic Hazard, Category 2	H411

2.2. GHS Label elements, including precautionary statements

GHS US labelling

Hazard pictograms (GHS US)



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2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%
Benzene, 1-chloro-4-(trifluoromethyl)-	(CAS-No.) 98-56-6	10 – 30
Benzene, trimethyl-	(CAS-No.) 25551-13-7	1 – 5
Isophorone diisocyanate	(CAS-No.) 4098-71-9	0.1 – 1
Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate	(CAS-No.) 41556-26-7	0.1 – 1
Decanedioic acid, methyl 1,2,2,6,6-pentamethyl-4-piperidinyl ester	(CAS-No.) 82919-37-7	0.1 – 1
Benzenesulfonyl isocyanate, 4-methyl-	(CAS-No.) 4083-64-1	0.1 – 1
Cumene	(CAS-No.) 98-82-8	0.1 – 1

In accordance with paragraph (i) of the OSHA Hazard Communication Standard (29 CFR §1910.1200), the specific chemical identity or exact weight % has been withheld as a trade secret.

SECTION 4: First-aid measures

4.1. Description of first aid measu	res
First-aid measures general	If exposed or concerned, get medical attention/advice. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before re-use. Never give anything to an unconscious person.
First-aid measures after inhalation	: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if breathing is affected. If breathing is difficult, supply oxygen.
First-aid measures after skin contact	: IF ON SKIN (or clothing): Remove affected clothing and wash all exposed skin with water for at least 15 minutes. If irritation develops or persists, get medical attention.
First-aid measures after eye contact	: IF IN EYES: Immediately flush with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do so. Continue rinsing if pain, blinking, or irritation develops or persists, get medical attention. Continue rinsing.
First-aid measures after ingestion	: IF SWALLOWED: rinse mouth thoroughly. Do not induce vomiting without advice from poison control center. Get medical attention if you feel unwell.
4.2. Most important symptoms and	d effects (acute and delayed)
Symptoms/effects	May cause an allergic skin reaction. May cause allergy or asthma symptoms or breathing difficulties if inhaled. Suspected of causing cancer. May cause damage to organs through prolonged or repeated exposure.
Symptoms/effects after inhalation	: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Symptoms/effects after skin contact	: May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Direct contact with eyes is likely to be irritating.
Symptoms/effects after ingestion	: May cause gastrointestinal irritation.
Chronic symptoms	: Suspected of causing cancer. May cause damage to organs through prolonged or repeated exposure.

4.3. Immediate medical attention and special treatment, if necessary

No additional information available

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SECTION 5: Fire-fighting measures	
5.1. Suitable (and unsuitable) extinguishing media	
Suitable extinguishing media	: Carbon dioxide. Foam. Dry powder. Sand.
Unsuitable extinguishing media	: If water is used, use very large quantities of cold water. The reaction between water and hot isocyanate may be vigorous.
5.2. Specific hazards arising from the chemical	
Fire hazard	: Flammable liquid and vapor.
Explosion hazard	: Avoid fire, sparks, static electricity and hot surfaces. Liquid readily evaporates at room/ambient temperature. Vapors are invisible, flammable, heavier than air, and may accumulate in low areas and spread long distances. Distant ignition and flashback are possible.
Reactivity	: No data available.
5.3. Special protective equipment and precautions for fire-fighters	
Firefighting instructions	: Use cold water spray to cool fire-exposed containers to minimize risk of rupture. Exercise caution when fighting any chemical fire. Do not dispose of fire-fighting water in the environment. Prevent human exposure to fire, fumes, smoke and products of combustion.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.
Other information	: Avoid smoke inhalation.
SECTION 6: Accidental release meas	sures

SECTION 6: Accidental release measures			
6.1.	. Personal precautions, protective equipment and emergency procedures		
Gener	al measures	: Evacuate area. Keep upwind. Ventilate area. Spill should be handled by trained cleaning personnel properly equipped with respiratory and eye protection.	
6.1.1.	For non-emergency personnel		
Protec	ctive equipment	: Wear Protective equipment as described in Section 8.	
Emerç	gency procedures	: Evacuate unnecessary personnel.	
6.1.2.	For emergency responders		
Protec	ctive equipment	: Wear suitable protective clothing, gloves and eye or face protection.	
6.2.	Environmental precautions		
Prevent	entry to sewers and public waters. Notify a	uthorities if product enters sewers or public waters. Avoid release to the environment.	
6.3.	Methods and material for containment	and cleaning up	
For containment/cleaning up :		: SMALL SPILL: Dike area to contain spill. Take precautions as necessary to prevent contamination of ground and surface waters. Recover spilled material on absorbent, such as sawdust or vermiculite, and sweep into closed containers for disposal. After all visible traces, including ignitable vapors, have been removed, thoroughly wet vacuum the area. Do not flush to sewer. If area of spill is porous, remove as much contaminated earth and gravel, etc. as necessary and place in closed containers for disposal. Only those persons who are adequately trained, authorized, and wearing the required personal protective equipment (PPE) should participate in spill response and clean-up.	
		LARGE SPILL: Keep spectators away. Only those persons who are adequately trained, authorized and wearing the required personal protective equipment (PPE) should participate in spill response and clean-up. Ventilate the area by natural means or by explosion proof means (i.e. fans). Know and prepare for spill response before using or handling this product. Eliminate all ignition sources (flames, hot surfaces, portable heaters and sources of electrical, static, or frictional sparks). Dike and contain spill with inert material (e.g. sand, earth). Transfer liquids to covered and labeled metal containers for recovery or disposal, or remove with inert absorbent. Use only non-sparking tools and appropriate PPE. Place absorbent diking materials in covered metal containers for disposal. Prevent contamination of sewers, streams, and groundwater with spilled material or used absorbent.	

6.4. Reference to other sections

See Sections 8 and 13.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Preca	autions for safe handling	: Do not handle until all safety precautions have been read and understood. For professional or industrial use only. Follow label instructions. Keep out of reach of children. Not for consumption. No smoking. Do not breathe vapors. Avoid contact with body. Turn off all pilot lights, flames, stoves, heaters, electric motors, welding equipment and other sources of ignition. Empty containers must not be washed and re-used for any purpose. Contact lens wearers must wear protective eye wear around chemical vapors and liquid. Wash hands thoroughly after handling. Flammable vapors may cause flash fire or ignite explosively. To prevent build-up of vapors, use adequate natural and/or mechanical ventilation (e.g. open all windows and doors to achieve cross ventilation). Containers may be hazardous when empty. Never use welding or cutting torch on or near container. Do not cut, drill, grind, or expose containers to heat, sparks, static electricity or other source of ignition. Explosion may occur causing injury or death.	
7.2.	Conditions for safe storage, including	ons for safe storage, including any incompatibilities	
Stora	ge conditions	: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Store in a dry, cool and well-ventilated place. Keep container tightly closed.	

Special rules on packaging : Keep only in original container.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

ACGIH OSHA	Remark (ACGIH)	OELs not established	
OSHA			
	Remark (OSHA)	OELs not established	
Benzene, trimethyl- (2	25551-13-7)		
ACGIH	ACGIH OEL TWA [ppm]	25 ppm	
ACGIH	Remark (ACGIH)	CNS impair; asthma; hematologic eff	
ACGIH	Regulatory reference	ACGIH 2018	
OSHA	OSHA PEL TWA [1]	125 mg/m ³	
OSHA	OSHA PEL TWA [2]	25 ppm	
Isophorone diisocyar	nate (4098-71-9)		
ACGIH	ACGIH OEL TWA [ppm]	0.005 ppm	
ACGIH	Remark (ACGIH)	TLV® Basis: Resp sens	
ACGIH	Regulatory reference	ACGIH 2020	
Bis(1,2,2,6,6-pentame	ethyl-4-piperidyl) sebacate (41556-26-7)		
ACGIH	Remark (ACGIH)	OELs not established	
OSHA	Remark (OSHA)	OELs not established	
Decanedioic acid, methyl 1,2,2,6,6-pentamethyl-4-piperidinyl ester (82919-37-7)			
ACGIH	Remark (ACGIH)	OELs not established	
OSHA	Remark (OSHA)	OELs not established	
Benzenesulfonyl isoc	zyanate, 4-methyl- (4083-64-1)		
ACGIH	Remark (ACGIH)	OELs not established	
OSHA	Remark (OSHA)	OELs not established	
Cumene (98-82-8)			
ACGIH	ACGIH OEL TWA [ppm]	50 ppm	
ACGIH	Remark (ACGIH)	Eye, skin, & URT irr; CNS impair	
ACGIH	Regulatory reference	ACGIH 2018	
OSHA	OSHA PEL TWA [1]	245 mg/m ³	
OSHA	OSHA PEL TWA [2]	50 ppm	
OSHA	Regulatory reference (US-OSHA)	OSHA	

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8.2. Appropriate engineering controls

Appropriate engineering controls

: Provide adequate general and local exhaust ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof equipment with flammable materials. Ensure adequate ventilation, especially in confined areas.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment symbol(s):



Personal protective equipment:

Gloves. Protective goggles. Protective clothing. In case of inadequate ventilation, wear respiratory protection.

Hand protection:

Use gloves chemically resistant to this material when prolonged or repeated contact could occur. Gloves should be classified under Standard EN 374 or ASTM F1296. Suggested glove materials are: Neoprene, Nitrile/butadiene rubber, Polyethylene, Ethyl vinyl alcohol laminate, PVC or vinyl. Suitable gloves for this specific application can be recommended by the glove supplier.

Eye protection:

Wear eye protection, including chemical splash goggles and a face shield when possibility exists for eye contact due to airborne particles.

Skin and body protection:

Wear long sleeves, and chemically impervious PPE/coveralls to minimize bodily exposure.

Respiratory protection:

Use NIOSH (or other equivalent national standard) -approved dust/particulate respirator. Where vapor, mist, or dust exceeds PELs or other applicable OELs, use NIOSH-approved respiratory protective equipment.

SECTION 9: Physical and chemical properties

SECTION 9: Physical and chemical properties		
9.1. Information on basic physical and chemical properties		
Physical state	: Liquid	
Appearance	: Liquid	
Color	: Clear	
Odor	: Mild aromatic	
Odor threshold	: No data available	
pH	: No data available	
Melting point	: No data available	
Freezing point	: No data available	
Boiling point	: No data available	
Flash point	: 43.3 °C (110 °F)	
Relative evaporation rate (n-butyl acetate=1)	: No data available	
Flammability (solid, gas)	: No data available	
Vapor pressure	: No data available	
Relative vapor density at 20 °C	: No data available	
Relative density	: No data available	
Density	: 10 – 10.3 lb/gal	
Solubility	: Reacts with water	
Partition coefficient n-octanol/water (Log Pow)	: No data available	
Auto-ignition temperature	: No data available	
Decomposition temperature	: No data available	
Viscosity, kinematic	: No data available	
Viscosity, dynamic	: No data available	

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Explosive limits	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
.2. Other information	
VOC content	: 90 g/l EPA 24 Method VOC
SECTION 10: Stability and reactivity	
0.1. Reactivity	
No data available.	
10.2. Chemical stability	terage conditions (see section 7)
Stable under recommended handling and s	
10.3. Possibility of hazardous reaction	ons
Reacts with water.	
10.4. Conditions to avoid	
Strong acids. Strong bases. Strong oxidizin	g agents. Moisture.
10.5. Incompatible materials	
None known.	
10.6. Hazardous decomposition prod	lucts
	noxide, carbon dioxide, nitrogen oxides, hydrogen cyanide.
SECTION 11: Toxicological information	
11.1. Information on toxicological ef	
5	
Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified : Not classified
Acute toxicity (inhalation)	
Benzene, 1-chloro-4-(trifluoromethyl)-	
LD50 oral rat	13 g/kg
LD50 dermal rabbit	> 2 ml/kg
LC50 Inhalation - Rat	33 mg/l/4h
Benzene, trimethyl- (25551-13-7)	0070
LD50 oral rat	8970 mg/kg
Isophorone diisocyanate (4098-71-9)	4007
LD50 oral rat	1097 mg/kg
LD50 dermal rabbit LC50 Inhalation - Rat	1060 – 4780 mg/kg 0.135 mg/l/4h (mist)
Bis(1,2,2,6,6-pentamethyl-4-piperidyl) s LD50 oral rat	ebacate (41556-26-7) 2615 mg/kg
Benzenesulfonyl isocyanate, 4-methyl- LD50 oral rat	
LD50 oral rat LC50 Inhalation - Rat [ppm]	2234 mg/kg > 640 ppm/1h
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Cumene (98-82-8) LD50 dermal rabbit	12300 µl/kg
LC50 Inhalation - Rat [ppm]	> 3577 ppm 6 h
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Suspected of causing cancer.
Cumene (98-82-8)	
IARC group	2B - Possibly carcinogenic to humans

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Cumene (98-82-8)		
National Toxicology Program (NTP) Status	Reasonably anticipated to be Human Carcinogen	
Reproductive toxicity	: Not classified	
STOT-single exposure	: Not classified	
STOT-repeated exposure	: May cause damage to organs through prolonged or repeated exposure.	
Aspiration hazard	: Not classified	
Viscosity, kinematic	: No data available	
Symptoms/effects	May cause an allergic skin reaction. May cause allergy or asthma symptoms or breathing difficulties if inhaled. Suspected of causing cancer. May cause damage to organs through prolonged or repeated exposure.	
Symptoms/effects after inhalation	: May cause allergy or asthma symptoms or breathing difficulties if inhaled.	
Symptoms/effects after skin contact	: May cause an allergic skin reaction.	
Symptoms/effects after eye contact	: Direct contact with eyes is likely to be irritating.	
Symptoms/effects after ingestion	: May cause gastrointestinal irritation.	
Chronic symptoms	: Suspected of causing cancer. May cause damage to organs through prolonged or repeate exposure.	
SECTION 12: Ecological information		
12.1. Toxicity		
Ecology - general	: No information available.	
Hazardous to the aquatic environment, short- term (acute)	: Not classified	
Hazardous to the aquatic environment, long- term (chronic)	: Toxic to aquatic life with long lasting effects.	
12.2. Persistence and degradability		
No additional information available		
12.3. Bioaccumulative potential		
No additional information available		
12.4. Mobility in soil		
No additional information available		
12.5. Other adverse effects		
No additional information available		
SECTION 13: Disposal considerations		
13.1. Disposal methods		
Waste treatment methods	: Do not discharge to public wastewater systems without permit of pollution control authorities No discharge to surface waters is allowed without an NPDES permit.	
Product/Packaging disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations. Do not allow the product to be released into the environment.	

In accordance with DOT

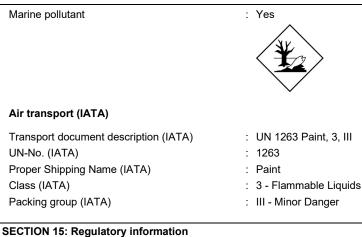
This mixture meets the requirements for 49CFR173.150(f) exemptions and the outer packages of this material would not require transportation labeling.

Transport by sea (IMDG)

Transport document description (IMDG)	: UN 1263 PAINT, 3, III
UN-No. (IMDG)	: 1263
Proper Shipping Name (IMDG)	: PAINT
Class (IMDG)	: 3 - Flammable liquids
Packing group (IMDG)	: III - substances presenting low danger
Limited quantities (IMDG)	: 5 L

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15.1. US Federal regulations

Elasto-Glaze 6001 AL-HT (Clear)

All chemical substances in this product are listed as "Active" in the EPA (Environmental Protection Agency) "TSCA Inventory Notification (Active-Inactive) Requirements Rule" ("the Final Rule") of Feb. 2019, as amended Feb. 2021, or are otherwise exempt or regulated by other agencies such as FDA or FIFRA.

SARA Section 311/312 Hazard Classes	Physical hazard - Flammable (gases, aerosols, liquids, or solids) Health hazard - Respiratory or skin sensitization Health hazard - Carcinogenicity Health hazard - Specific target organ toxicity (single or repeated exposure)	
Cumene (98-82-8)		
Subject to reporting requirements of United States SARA Section 313		

CERCLA RQ 5000 lb

15.2. International regulations

No additional information available

15.3. US State regulations

This product can expose you to Cumene, which is known to the State of California to cause cancer. For more **WARNING**: information go to www.P65Warnings.ca.gov.

Component	Carcinogenicity	Developmental toxicity	Reproductive toxicity male	Reproductive toxicity female	No significant risk level (NSRL)	Maximum allowable dose level (MADL)
Cumene (98-82-8)	X					
Benzene, 1-chloro-4- (trifluoromethyl)- (98- 56-6)	X					

Component	State or local regulations
Isophorone diisocyanate (4098-71-9)	U.S Massachusetts - Right To Know List; U.S New Jersey - Right to Know Hazardous Substance List; U.S Pennsylvania - RTK (Right to Know) List
Benzene, trimethyl- (25551-13-7)	U.S New Jersey - Right to Know Hazardous Substance List; U.S Massachusetts - Right To Know List; U.S Pennsylvania - RTK (Right to Know) List
Cumene (98-82-8)	U.S New Jersey - Right to Know Hazardous Substance List; U.S Pennsylvania - RTK (Right to Know) List; U.S Massachusetts - Right To Know List; U.S Pennsylvania - RTK (Right to Know) - Special Hazardous Substances
1,3,5-Trimethylbenzene (108-67-8)	U.S Massachusetts - Right To Know List
Benzene, 1,2,4-trimethyl- (95-63-6)	U.S New Jersey - Right to Know Hazardous Substance List; U.S Pennsylvania - RTK (Right to Know) List

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Component	State or local regulations
Dibutyltin dilaurate (77-58-7)	U.S Pennsylvania - RTK (Right to Know) List; U.S New Jersey - Right to Know Hazardous Substance List
Xylenes (o-, m-, p- isomers) (1330-20-7)	U.S New Jersey - Right to Know Hazardous Substance List; U.S Pennsylvania - RTK (Right to Know) List; U.S Massachusetts - Right To Know List

SECTION 16: Other information

Revision date Other information	: 04/05/2023 : Author: JMM.
NFPA health hazard	: 2 - Materials that, under emergency conditions, can cause temporary incapacitation or residual injury.
NFPA fire hazard	: 2 - Materials that must be moderately heated or exposed to relatively high ambient temperatures before ignition can occur.
NFPA reactivity	: 1 - Materials that in themselves are normally stable but can become unstable at elevated temperatures and pressures.
HMIS Hazard Rating	
Health	 2* * - Chronic (long-term) health effects may result from repeated overexposure
Flammability	: 2
Physical	: 1

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.