

SAFETY DATA SHEET

OSHA HCS (29 CFR 1910.1200)

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Chemical Name	Mixture
Product Name / Trade Name	PUR-Guard™ Part A, HD-SL, HD-SLE, HD-T, HD-TC, HD-CB, & HD-P
CAS No.	Mixture

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

Identified Use(s)	Industrial Flooring Resin
Uses Advised Against	None

Details of the supplier of the safety data sheet

Company Identification	Res-Tek, Inc. 110 Riverside Drive Cartersville, Georgia 30120 United States of America
Telephone	1-888-737-8351 / 1-770-427-4034

Emergency telephone number

CHEMTREC 24 hr. 1-800-424-9300 / 1 (703) 527-3887 (Collect calls accepted)

SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture

OSHA HCS (29 CFR 1910.1200) Repr. 1B; Skin Irrit. 2; Eye Irrit. 2; Skin Sens. 1; STOT SE 3

Label elements

Hazard Symbol



Signal Word(s)

DANGER

Hazard Statement(s)

May damage fertility or the unborn child.
Causes skin irritation.
Causes serious eye irritation.
May cause an allergic skin reaction.
May cause respiratory irritation.

Precautionary Statement(s)

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Wear protective gloves/protective clothing/eye protection/face protection.
Do not breathe dust/fume/gas/mist/vapours/spray.
Do not eat, drink or smoke when using this product.
Wash hands and exposed skin after use.
Avoid breathing dust/fume/gas/mist/vapours/spray.
Contaminated work clothing should not be allowed out of the workplace.

Other hazards

Toxic to aquatic life. Toxic to aquatic life with long lasting effects.

Additional Information

None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Composition/information on ingredients	%W/W	CAS No.	Hazard Statement(s)
Proprietary plasticizer	7 - 17	Trade Secret	Repr. 1B; H360 Aquatic Acute 1; H400 Aquatic Chronic 1; H410
Proprietary surfactant(s)	3 - 13	Trade Secret	Skin Irrit. 2; H315 Skin Sens. 1; H317
Proprietary essential oil	0 - 10	Trade Secret	Flam. Liq. 3; H226 Skin Irrit. 2; H315 Eye Irrit. 2A; H319 Skin Sens. 1; H317 Asp. Tox. 1; H304

For full text of H phrases see section 16.

Additional Information - None

SECTION 4: FIRST AID MEASURES



Description of first aid measures

Inhalation

Remove victim to fresh air and keep at rest in a position comfortable for breathing. If breathing is labored, administer oxygen. If symptoms persist, obtain medical attention.

Skin Contact

Take off immediately all contaminated clothing. Rinse skin with water/shower. If irritation (redness, rash, blistering) develops, get medical attention. Wash contaminated clothing before reuse.

Eye Contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

Ingestion

Get medical advice/attention if you feel unwell. Treat symptomatically.

Most important symptoms and effects, both acute and delayed

May cause an allergic skin reaction.

Indication of any immediate medical attention and special treatment needed

None anticipated.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

- Suitable Extinguishing Media
- Unsuitable Extinguishing Media

Extinguish with water spray, dry chemical, sand or carbon dioxide.
None anticipated.

Special hazards arising from the substance or mixture

None anticipated.

Advice for fire-fighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Put on protective equipment before entering danger area. Wear protective gloves/protective clothing/eye protection/face protection. In case of inadequate ventilation wear respiratory protection.
Environmental precautions	Contain spillages with sand, earth or any suitable adsorbent material.
Methods and material for containment and cleaning up	Contain spillages with sand, earth or any suitable adsorbent material. Transfer to a container for disposal or recovery. Wash the spillage area with water. Do not allow to enter drains, sewers or watercourses.
Reference to other sections	None
Additional Information	None

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling	Keep container tightly closed. Wear protective gloves/protective clothing/eye protection/face protection. Wash hands and exposed skin after use. Do not breathe dust / fume / gas / mist / vapors / spray. Contaminated work clothing should not be allowed out of the workplace. Work in well ventilated zones or use proper respiratory protection.
Conditions for safe storage, including any incompatibilities	
-Storage temperature	Store at room temperature. Keep container tightly closed and in a well-ventilated place. Keep away from heat and sources of ignition.
-Incompatible materials	Strong oxidising agents and amines.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Occupational Exposure Limits

SUBSTANCE.	CAS No.	(8hr TWA)		(STEL)		Note:
		PEL (OSHA)	TLV (ACGIH)	PEL (OSHA)	TLV (ACGIH)	
None	-----	-----	-----	-----	-----	-----

- STEL: Short Term Exposure Limit

Exposure controls

Appropriate engineering controls Not normally required

Personal protection equipment

Eye/face protection Wear protective eyewear (goggles, face shield, or safety glasses).



Skin protection (Hand protection/ Other)

Gloves (Butyl rubber). Check with protective equipment manufacturer's data. Gloves should be changed regularly to avoid permeation problems.



Respiratory protection



In case of inadequate ventilation wear respiratory protection. Air-purifying respirator with organic vapor cartridges may provide sufficient protection. Check with protective equipment manufacturer's data.

Thermal hazards

Not normally required.

Environmental Exposure Controls

Do not allow to enter drains, sewers or watercourses.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Liquid
Color	Various
Odor	Slight Piney
Odor Threshold (ppm)	Not available.
pH (Value)	Not available.
Melting Point (°C) / Freezing Point (°C)	Not available
Boiling point/boiling range (°C):	Not available
Flash Point (°C)	Not available
Evaporation Rate	Not available
Flammability (solid, gas)	Not available
Explosive Limit Ranges	Not available.
Vapour pressure (mmHg)	Not available
Vapour Density (Air=1)	Not available
Density (g/ml)	0.98 @ 20 °C (8.16 lb/gal @ 20 °C)
Specific Gravity	0.98
Solubility (Water)	Insoluble in water
Solubility (Other)	Not available.
Partition Coefficient (n-Octanol/water)	Not available.
Auto Ignition Point (°C)	Not available
Decomposition Temperature (°C)	Not available.
Kinematic Viscosity (cSt)	510
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

Other information

VOC Content: less than 100g/l

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Stable under normal conditions.
Chemical stability	Stable.
Possibility of hazardous reactions	Not to be expected.
Conditions to avoid	Incompatible materials.
Incompatible materials	Strong oxidising agents and amines.
Hazardous decomposition product(s)	Combustion or thermal decomposition will evolve toxic and irritant vapours; acrid smoke.

SECTION 11: TOXICOLOGICAL INFORMATION

Exposure routes: Inhalation, Skin Contact, Eye Contact

Information on toxicological effects

Acute toxicity (estimated / calculated)

Oral: LD50: > 2000 mg/kg (rat)

Dermal: LD50: > 2000 mg/kg (rat)

Corrosivity / Irritation	Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.		
Sensitization	May cause sensitization by skin contact.		
Repeated dose toxicity	Not to be expected.		
Mutagenicity	Not to be expected.		
Carcinogenicity	Not to be expected.		
	NTP	IARC	ACGIH
	No.	No.	No.
	No.	No.	No.
Toxicity for reproduction	Contains: Proprietary plasticizer (CAS No. Trade Secret). May damage fertility or the unborn child.		
Other information	None known.		

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity (estimated / calculated)

Acute toxicity	LC50 (96 hour): < 10 mg/l (Fish) EC50 (48 hour): <10 mg/l (Daphnia magna)
Long Term Toxicity	EC50 (48 hour): <0.1 mg/l (Daphnia magna)

Persistence and degradability

Not readily biodegradable.

Bioaccumulative potential

The product has no potential for bioaccumulation.

Mobility in soil

The product has low mobility in soil.

Results of PBT and vPvB assessment

Not classified as PBT or vPvB.

Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.

Additional Information

None known.

SECTION 14: TRANSPORT INFORMATION

	Land transport (U.S. DOT) *	Sea transport (IMDG)	Air transport (ICAO/IATA)
UN number	Not regulated for ground shipments in non-bulk (<119 gallons) packaging	UN 3082	UN 3082
Proper Shipping Name		Environmentally hazardous substance, liquid, n.o.s. (contains **)	
Transport hazard class(es)		9	9
Packing group		III	III
Environmental hazards		Yes	Yes
Special precautions for user		None assigned	None assigned

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable

* For bulk packages: UN 3082, Environmentally hazardous substance, liquid, n.o.s. (contains: **), 9, III

** Contact supplier for full details on proper shipping name.

SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture:

TSCA (Toxic Substance Control Act) - Inventory Status: All components listed or polymer exempt.

Designated Hazardous Substances and Reportable Quantities (40 CFR 302.4):

Chemical Name	CAS No.	Typical %wt.	RQ (Pounds)
None	-----	-----	-----

SARA 311/312 - Hazard Categories:

Fire Sudden Release Reactivity Immediate (acute) Chronic (delayed)

SARA 313 - Toxic Chemicals (40 CFR 372):

Chemical Name	CAS No.	Typical %wt.
None	-----	-----

SARA 302 - Extremely Hazardous Substances(40 CFR 355):

Chemical Name	CAS No.	Typical %wt.	RQ (Pounds)	TPQ (Pounds)
None	-----	-----	-----	-----

Proposition 65 (California):

Chemical Name	CAS No.	Typical %wt.	Hazards
1-chloro-2, 3--epoxypropane	106-89-8	Trace	Cancer and Reproductive
Proprietary Plasticizer	Trade Secret	7 - 17	Developmental
Dibutyl phthalate	84-74-2	Trace	Developmental

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1 - 16.

Date of preparation: January 3, 2024

Hazard Statement(s) Listed in: SECTION 3

- H226: Flammable liquid and vapour.
- H304: May be fatal if swallowed and enters airways.
- H315: Causes skin irritation.
- H317: May cause an allergic skin reaction.
- H319: Causes serious eye irritation.
- H360: May damage fertility or the unborn child.
- H400: Very toxic to aquatic life.
- H410: Very toxic to aquatic life with long lasting effects.

Additional Information: None.

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