

SAFETY DATA SHEET

TEC® DOUBLE DUTY 122 DOUBLE DUTY ADHESIVE

Version 1.0

Revision Date 04/21/2025

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : TEC® DOUBLE DUTY 122 DOUBLE DUTY ADHESIVE
Product code : 100000014910

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 : Mastic

Restrictions on use :
This chemical/product is not and cannot be distributed in commerce (as defined in TSCA section 3(5)) or processed (as defined in TSCA section 3(13)) for consumer paint or coating removal.
This chemical/product is not and cannot be distributed in commerce (as defined in TSCA section 3(5)) or processed (as defined in TSCA section 3(13)) for consumer paint or coating removal.

SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview

Appearance	viscous liquid
Color	off-white
Odor	solvent

GHS Classification

Skin sensitization : Category 1
Carcinogenicity : Category 1B
Specific target organ toxicity - repeated exposure : Category 1

GHS label elements

SAFETY DATA SHEET

TEC® DOUBLE DUTY 122 DOUBLE DUTY ADHESIVE

Version 1.0

Revision Date 04/21/2025

Hazard pictograms

:



Signal Word

: Danger

Hazard Statements:

H317 May cause an allergic skin reaction. H350 May cause cancer. H372 Causes damage to organs through prolonged or repeated exposure.

Precautionary Statements:

Prevention: P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P260 Do not breathe mist or vapors. P264 Wash skin thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P272 Contaminated work clothing must not be allowed out of the workplace. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response: P302 + P352 IF ON SKIN: Wash with plenty of soap and water. P308 + P313 IF exposed or concerned: Get medical advice/ attention. P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention. P363 Wash contaminated clothing before reuse.

Storage: P405 Store locked up.

Disposal: P501 Dispose of contents/ container to an approved waste disposal plant.

Potential Health Effects

Carcinogenicity:

IARC

Group 1: Carcinogenic to humans

Quartz (SiO₂) 14808-60-7

Group 2B: Possibly carcinogenic to humans

diethanolamine 111-42-2

Group 1: Carcinogenic to humans

Quartz (SiO₂) 14808-60-7

Group 2B: Possibly carcinogenic to humans

diethanolamine 111-42-2

OSHA

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

Quartz (SiO₂) 14808-60-7

Known to be human carcinogen

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture

: Mixture

SAFETY DATA SHEET**TEC® DOUBLE DUTY 122 DOUBLE DUTY ADHESIVE**

Version 1.0

Revision Date 04/21/2025

Hazardous ingredients

Chemical name	CAS-No.	Concentration [%]
Limestone	1317-65-3	30 - 50
Solvent naphtha (petroleum), medium aliph. ethylene glycol	64742-88-7	1 - 5
Rosin	107-21-1	1 - 5
2,2',2''-nitrilotriethanol	8050-09-7	1 - 5
Quartz (SiO ₂)	102-71-6	1 - 5
Distillates (petroleum), solvent-refined heavy naphthenic	14808-60-7	1 - 5
diethanolamine	64741-96-4	0.1 - 1
	111-42-2	0.1 - 1

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	: Remove person to fresh air. If signs/symptoms continue, get medical attention.
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	: Do not induce vomiting. Seek medical attention if symptoms develop. Provide medical care provider with this SDS.
Most important symptoms and effects, both acute and delayed	: May cause an allergic skin reaction. May cause cancer. Causes damage to organs through prolonged or repeated exposure.

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

SAFETY DATA SHEET

TEC® DOUBLE DUTY 122 DOUBLE DUTY ADHESIVE

Version 1.0

Revision Date 04/21/2025

- 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 emergency procedures : Refer to protective measures listed in sections 7 and 8.
- 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.
Scrape up.
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.
Do not freeze.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Limestone	1317-65-3	TWA (Respirable)	5 mg/m ³	NIOSH REL
		TWA (total)	10 mg/m ³	NIOSH REL

SAFETY DATA SHEET

TEC® DOUBLE DUTY 122 DOUBLE DUTY ADHESIVE

Version 1.0

Revision Date 04/21/2025

		TWA (Respirable)	5 mg/m3	NIOSH REL
		TWA (total)	10 mg/m3	NIOSH REL
		TWA (Respirable)	5 mg/m3	NIOSH REL
		TWA (total)	10 mg/m3	NIOSH REL
		TWA (total dust)	15 mg/m3	OSHA Z-1
		TWA (respirable fraction)	5 mg/m3	OSHA Z-1
		TWA (Total)	15 mg/m3	OSHA P0
		TWA (Respirable fraction)	5 mg/m3	OSHA P0
		TWA (Total dust)	15 mg/m3	OSHA P0
		TWA (respirable dust fraction)	5 mg/m3	OSHA P0
Solvent naphtha (petroleum), medium aliph.	64742-88-7	TWA	500 ppm 2,000 mg/m3	OSHA Z-1
		TWA	200 mg/m3	ACGIH
		TWA	400 ppm 1,600 mg/m3	OSHA P0
ethylene glycol	107-21-1	TWA (Vapor)	25 ppm	ACGIH
		STEL (Vapor)	50 ppm	ACGIH
		STEL (Inhalable fraction, Aerosol only)	10 mg/m3	ACGIH
		C	50 ppm 125 mg/m3	OSHA P0
		C (Vapor)	40 ppm 100 mg/m3	CAL PEL
2,2',2''-nitrilotriethanol	102-71-6	TWA	5 mg/m3	ACGIH
		PEL	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
		TWA (respirable)	10 mg/m3 / %SiO2+2	OSHA Z-3
		TWA (respirable)	250 mppcf / %SiO2+5	OSHA Z-3
		TWA (Respirable)	0.1 mg/m3	OSHA P0

SAFETY DATA SHEET

TEC® DOUBLE DUTY 122 DOUBLE DUTY ADHESIVE

Version 1.0

Revision Date 04/21/2025

		fraction)		
		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
Distillates (petroleum), solvent-refined heavy naphthenic	64741-96-4	TWA (Inhalable particulate matter)	5 mg/m3	ACGIH
		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
diethanolamine	111-42-2	TWA (Inhalable fraction and vapor)	1 mg/m3	ACGIH
		TWA	3 ppm 15 mg/m3	OSHA P0
		PEL	0.46 ppm 2 mg/m3	CAL PEL

Personal protective equipment

Respiratory protection : In the case of dust or aerosol formation use respirator with an approved filter.
Use NIOSH approved respiratory protection.

Filter type : Dust/mist/aerosol

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.

SAFETY DATA SHEET**TEC® DOUBLE DUTY 122 DOUBLE DUTY ADHESIVE**

Version 1.0

Revision Date 04/21/2025

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: viscous liquid
Color	: off-white
Odor	: solvent
Odor Threshold	: no data available
pH	: is not determined
	7.60 - 8
	: is not determined
	: 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	: 11.0 - 11.9 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

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****Product:**

Acute oral toxicity	: Acute toxicity estimate : > 5,000 mg/kg Method: Calculation method
---------------------	---

SAFETY DATA SHEET**TEC® DOUBLE DUTY 122 DOUBLE DUTY ADHESIVE**

Version 1.0

Revision Date 04/21/2025

Components:**Solvent naphtha (petroleum), medium aliph.:**

Acute inhalation toxicity : LC50 Rat: > 5.28 mg/l
Exposure time: 4 h
Test atmosphere: vapor

ethylene glycol:

Acute oral toxicity : LD50 Oral Rat: 4,000 mg/kg

2,2',2''-nitrilotriethanol:

Acute oral toxicity : LD50 Oral Rat: 6,400 mg/kg

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

No data available

Reproductive toxicity

No data available

STOT-single exposure

No data available

STOT-repeated exposure

No data available

Aspiration toxicity

No data available

SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity****Components:****Solvent naphtha (petroleum), medium aliph. :**

SAFETY DATA SHEET

TEC® DOUBLE DUTY 122 DOUBLE DUTY ADHESIVE

Version 1.0

Revision Date 04/21/2025

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 800 mg/l
Exposure time: 96 h
Test Method: static test

Rosin :

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 3.8 - 5.4 mg/l
Exposure time: 48 h
Test Method: static test

Persistence and degradability

No data available

Bioaccumulative potential**Components:****diethanolamine :**

Partition coefficient: n-octanol/water : log Pow: 1.43

Mobility in soil

No data available

Other adverse effects

No data available

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal methods**

Waste from residues : To the best of our knowledge, this product does not meet the definition of hazardous waste under the U.S. EPA Hazardous Waste Regulations 40 CFR 261. Solidify and dispose of in an approved landfill. Consult state, local or provincial authorities for more restrictive requirements.
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.

SECTION 14. TRANSPORT INFORMATION**International Regulations****UNRTDG**

Not regulated as a dangerous good

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

SAFETY DATA SHEET**TEC® DOUBLE DUTY 122 DOUBLE DUTY ADHESIVE**

Version 1.0

Revision Date 04/21/2025

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 : Respiratory or skin sensitization
Carcinogenicity
Specific target organ toxicity (single or repeated exposure)

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

SARA 313 : The following components are subject to reporting levels established by SARA Title III, Section 313:

ethylene glycol	107-21-1
-----------------	----------

Clean Air Act

The following chemical(s) are listed as HAP under the U.S. Clean Air Act, Section 112 (40 CFR 61):

ethylene glycol	107-21-1
diethanolamine	111-42-2

US State Regulations

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

DSL All components of this product are on the Canadian DSL

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), AIIC (Australia), NZIoC (New Zealand), ENCS (Japan), KECI (Korea), PICCS (Philippines), IECSC (China), TWINV (Taiwan)

SAFETY DATA SHEET

TEC® DOUBLE DUTY 122 DOUBLE DUTY ADHESIVE

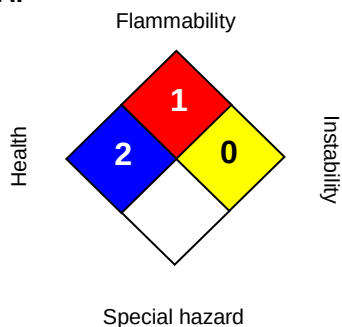
Version 1.0

Revision Date 04/21/2025

SECTION 16. OTHER INFORMATION

Further information

NFPA:



HMIS III:

HEALTH	3*
FLAMMABILITY	1
PHYSICAL HAZARD	0

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