

TRADESMAN PRO

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision date: 09/04/2015

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Identification

Product form : Mixture
Product name : TRADESMAN PRO
Product code :

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

Wood floor adhesive

1.3. Details of the supplier of the safety data sheet

Epic Resins
600 Industrial Blvd.
Palmyra, WI 53156 - USA
T 800-242-6649

1.4. Emergency telephone number

Emergency number : CHEMTREC: 800-424-9300

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

Classification (GHS-US)

Resp. Sens. 1 H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled

Skin Sens. 1 H317 - May cause an allergic skin reaction

Full text of H-phrases: see section 16

2.2. Label elements

GHS-US labeling

Hazard pictograms (GHS-US) :



GHS08



GHS07

Signal word (GHS-US) :

Danger

Hazard statements (GHS-US) :

H317 - May cause an allergic skin reaction

H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled

Precautionary statements (GHS-US) :

P261 - Avoid breathing vapors

P280 - Wear eye protection, protective gloves

P302+P352 - If on skin: Wash with plenty of soap and water

P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

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Name	Product identifier	%	Classification (GHS-US)
Calcium Carbonate	(CAS No) 1317-65-3	61 - 63	Not classified
Diisononyl Phthalate	(CAS No) 68515-48-0	15 - 17	Not classified
Polyether Polyol	(CAS No) 25322-69-4	15 - 17	Not classified
Polymeric Diphenylmethane Diisocyanate	(CAS No) 9016-87-9	5 - 7	Skin Irrit. 2, H315 Skin Sens. 1, H317
Siloxanes and Silicones	(CAS No) 67762-90-7	< 1	Not classified
palmitic acid	(CAS No) 57-10-3	< 1	Not classified
Stearic acid	(CAS No) 57-11-4	< 1	Not classified
PTSI, Tosyl isocyanate	(CAS No) 4083-64-1	< 1	Skin Irrit. 2, H315 Resp. Sens. 1, H334 STOT SE 3, H335
2,2-Dimorpholinodichylether	(CAS No) 6425-39-4	< 1	Not classified
Myristic acid	(CAS No) 544-63-8	< 1	Not classified
Heptadecanoic acid	(CAS No) 506-12-7	< 1	Not classified
Dibutyltin Dilaurate	(CAS No) 77-58-7	< 1	Not classified

Full text of H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures general : Never give anything by mouth to an unconscious person.
- First-aid measures after inhalation : Remove the victim into fresh air.
- First-aid measures after skin contact : Gently wash with plenty of soap and water.
- First-aid measures after eye contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/injuries : Skin rash/inflammation.
- Symptoms/injuries after skin contact : Causes skin irritation.
- Symptoms/injuries after eye contact : Causes eye irritation.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : ABC powder. Dry powder. Water spray.

5.2. Special hazards arising from the substance or mixture

- Reactivity : The product is non-reactive under normal conditions of use, storage and transport.

5.3. Advice for firefighters

No additional information available

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

- Protective equipment : EN 166. Gloves.

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

- For containment : Collect spillage.
- Methods for cleaning up : Absorb spillage to prevent material damage.

6.4. Reference to other sections

No additional information available

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

No additional information available

7.2. Conditions for safe storage, including any incompatibilities

Maximum storage period : 6 months

Storage temperature : 25 °C

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Polymeric Diphenylmethane Diisocyanate (9016-87-9)		
ACGIH	ACGIH TWA (ppm)	0.005 ppm
OSHA	OSHA PEL (Ceiling) (mg/m ³)	0.2 mg/m ³
OSHA	OSHA PEL (Ceiling) (ppm)	0.02 ppm

Dibutyltin Dilaurate (77-58-7)		
ACGIH	ACGIH TWA (mg/m ³)	0.1 mg/m ³
ACGIH	ACGIH STEL (mg/m ³)	0.2 mg/m ³

8.2. Exposure controls

Materials for protective clothing : butyl rubber. neoprene. nitrile rubber.

Hand protection : Gloves.

Eye protection : Safety glasses.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Color	: Tan
Odor	: There may be no odour warning properties, odour is subjective and inadequate to warn of overexposure. Mixture contains one or more component(s) which have the following odour(s): Almost odourless Odourless Characteristic odour Irritating/pungent odour Mild odour Tallow odour No data available on odour Stuffy odour
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	: > 200 °C
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Vapor pressure	: < 0.00001 mm Hg
Relative density	: No data available
Relative vapor density at 20 °C	: No data available
Specific gravity / density	: 1.6 g/l
Solubility	: Not water soluble
Log Pow	: No data available

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Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	: 80000 - 120000 cP
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available

9.2. Other information

VOC - Negligible

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

No additional information available

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

PTSI, Tosyl isocyanate (4083-64-1)	
LD50 oral rat	2600 mg/kg (Rat)
ATE US (oral)	2600.000 mg/kg body weight

Polymeric Diphenylmethane Diisocyanate (9016-87-9)	
LD50 oral rat	> 10000 mg/kg (Rat; Literature study)
LD50 dermal rabbit	> 5000 mg/kg (Rabbit; Literature study)

Polyether Polyol (25322-69-4)	
LD50 oral rat	> 300 mg/kg (Rat)
LD50 dermal rabbit	> 2000 mg/kg (Rabbit)

Calcium Carbonate (1317-65-3)	
LD50 oral rat	6450 mg/kg (Rat; Literature study)
ATE US (oral)	6450.000 mg/kg body weight

Dibutyltin Dilaurate (77-58-7)	
LD50 oral rat	2071 mg/kg body weight (Rat; Equivalent or similar to OECD 401; Experimental value)
LD50 dermal rat	> 2000 mg/kg body weight (Rat; Experimental value; OECD 402: Acute Dermal Toxicity)
ATE US (oral)	2071.000 mg/kg body weight

palmitic acid (57-10-3)	
LD50 oral rat	> 10000 mg/kg (Rat)

Stearic acid (57-11-4)	
LD50 oral rat	> 5000 mg/kg (Rat)
LD50 dermal rabbit	> 5000 mg/kg (Rabbit)

Myristic acid (544-63-8)	
LD50 oral rat	> 10000 mg/kg (Rat)

Skin corrosion/irritation : Not classified

Serious eye damage/irritation : Not classified

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Respiratory or skin sensitization	: May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified

Polymeric Diphenylmethane Diisocyanate (9016-87-9)

IARC group	3 - Not classifiable
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Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified

Specific target organ toxicity (repeated exposure)	: Not classified
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Aspiration hazard	: Not classified
Symptoms/injuries after skin contact	: Causes skin irritation.
Symptoms/injuries after eye contact	: Causes eye irritation.

SECTION 12: Ecological information

12.1. Toxicity

PTSI, Tosyl isocyanate (4083-64-1)

LC50 fish 1	597 mg/l (LC50; 96 h)
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Polymeric Diphenylmethane Diisocyanate (9016-87-9)

LC50 other aquatic organisms 1	> 1000 mg/l (96 h)
Threshold limit other aquatic organisms 1	> 1000 mg/l (96 h)

Polyether Polyol (25322-69-4)

LC50 fish 1	1700 ppm (96 h; Lepomis macrochirus; Static system)
LC50 fish 2	650 ppm (96 h; Menidia beryllina; Static system)
TLM fish 1	> 10000 mg/l (96 h; Salmo gairdneri (Oncorhynchus mykiss); Static system)

Dibutyltin Dilaurate (77-58-7)

LC50 fish 1	2 mg/l (48 h; Pisces)
EC50 Daphnia 1	0.66 mg/l (24 h; Daphnia magna)
EC50 Daphnia 2	0.66 mg/l (48 h; Daphnia magna)
Threshold limit algae 1	> 1 mg/l (72 h; Scenedesmus subspicatus; Growth rate)

Stearic acid (57-11-4)

LC50 fish 1	14 mg/l (LC50)
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12.2. Persistence and degradability

PTSI, Tosyl isocyanate (4083-64-1)

Persistence and degradability	Biodegradability in water: no data available.
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Polymeric Diphenylmethane Diisocyanate (9016-87-9)

Persistence and degradability	Not readily biodegradable in water. Hydrolysis in water. No (test) data on mobility of the substance available.
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Polyether Polyol (25322-69-4)

Persistence and degradability	Biodegradability in water: no data available.
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Calcium Carbonate (1317-65-3)

Persistence and degradability	Biodegradability: not applicable.
Biochemical oxygen demand (BOD)	Not applicable

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Calcium Carbonate (1317-65-3)	
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
BOD (% of ThOD)	Not applicable
Dibutyltin Dilaurate (77-58-7)	
Persistence and degradability	Not readily biodegradable in water. No (test) data on mobility of the substance available.
palmitic acid (57-10-3)	
Persistence and degradability	Readily biodegradable in water. Forming sediments in water.
ThOD	2.87 g O ₂ /g substance
BOD (% of ThOD)	0.02
Stearic acid (57-11-4)	
Persistence and degradability	Forming sediments in water. Biodegradable in the soil. Adsorbs into the soil.
Biochemical oxygen demand (BOD)	4 - 27 g O ₂ /g substance
BOD (% of ThOD)	0.49
Myristic acid (544-63-8)	
Persistence and degradability	Not readily biodegradable in water.
ThOD	2.8 g O ₂ /g substance
BOD (% of ThOD)	0.02
Heptadecanoic acid (506-12-7)	
Persistence and degradability	Biodegradability in water: no data available.

12.3. Bioaccumulative potential

PTSI, Tosyl isocyanate (4083-64-1)	
Bioaccumulative potential	No bioaccumulation data available.
Polymeric Diphenylmethane Diisocyanate (9016-87-9)	
BCF fish 1	1 (Pisces)
Bioaccumulative potential	Not bioaccumulative.
Polyether Polyol (25322-69-4)	
Bioaccumulative potential	No bioaccumulation data available.
Calcium Carbonate (1317-65-3)	
Bioaccumulative potential	No bioaccumulation data available.
Dibutyltin Dilaurate (77-58-7)	
BCF fish 1	31 - 813 (7 days; Carassius carassius)
Bioaccumulative potential	Potential for bioaccumulation (500 ≤ BCF ≤ 5000).
palmitic acid (57-10-3)	
Log Pow	7.17
Bioaccumulative potential	Bioaccumable.
Stearic acid (57-11-4)	
Log Pow	8.23 (Experimental value)
Bioaccumulative potential	No bioaccumulation data available.
Myristic acid (544-63-8)	
Log Pow	4.15 - 6.11
Bioaccumulative potential	Bioaccumable.
Heptadecanoic acid (506-12-7)	
Bioaccumulative potential	No bioaccumulation data available.

12.4. Mobility in soil

palmitic acid (57-10-3)	
Surface tension	0.028 N/m (70 °C)

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Stearic acid (57-11-4)	
Surface tension	0.029 N/m (70 °C)
Myristic acid (544-63-8)	
Surface tension	0.027 N/m (70 °C)

12.5. Other adverse effects

Effect on the global warming : No known ecological damage caused by this product.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT
Not regulated for transport

TDG

Not regulated for transport

Transport by sea

Not regulated for transport

Air transport

Not regulated for transport

SECTION 15: Regulatory information

15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

Polymeric Diphenylmethane Diisocyanate	CAS No 9016-87-9	5 - 7%
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Siloxanes and Silicones (67762-90-7)

EPA TSCA Regulatory Flag	XU - XU - indicates a substance exempt from reporting under the Inventory Update Reporting Rule, i.e., Partial Updating of the TSCA Inventory Data Base Production and Site Reports (40 CFR 710(C)).
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Polymeric Diphenylmethane Diisocyanate (9016-87-9)

Subject to reporting requirements of United States SARA Section 313	
EPA TSCA Regulatory Flag	XU - XU - indicates a substance exempt from reporting under the Inventory Update Reporting Rule, i.e., Partial Updating of the TSCA Inventory Data Base Production and Site Reports (40 CFR 710(C)).

Polyether Polyol (25322-69-4)

EPA TSCA Regulatory Flag	XU - XU - indicates a substance exempt from reporting under the Inventory Update Reporting Rule, i.e., Partial Updating of the TSCA Inventory Data Base Production and Site Reports (40 CFR 710(C)).
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palmitic acid (57-10-3)

EPA TSCA Regulatory Flag	T - T - indicates a substance that is the subject of a Section 4 test rule under TSCA.
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15.2. International regulations

CANADA

WHMIS – D-2B

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EU-Regulations

No additional information available

National regulations

No additional information available

15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer and/or reproductive harm

Polymeric Diphenylmethane Diisocyanate (9016-87-9)

U.S. - New Jersey - Right to Know Hazardous Substance List

Calcium Carbonate (1317-65-3)

U.S. - New Jersey - Right to Know Hazardous Substance List

SECTION 16: Other information

Revision date : 09/04/2015

Full text of H-phrases:

Resp. Sens. 1	Respiratory sensitisation Category 1
Skin Irrit. 2	Skin corrosion/irritation Category 2
Skin Sens. 1	Skin sensitization Category 1
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled
H335	May cause respiratory irritation

HMIS III Rating

Health : 2 Moderate Hazard - Temporary or minor injury may occur
* - Chronic (long-term) health effects may result from repeated overexposure

Flammability : 1 Slight Hazard - Materials that must be preheated before ignition will occur. Includes liquids, solids and semi solids having a flash point above 200 F. (Class IIIB)

Physical : 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.

Personal Protection : B
B - Safety glasses, Gloves

SDS US (GHS HazCom 2012)

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