



SAFETY DATA SHEET

This safety data sheet complies with the requirements of: Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

Revision Date 18-Aug-2015

Version 1

Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product Code 81833
Product Name 135EA HEAVY DUTY RUBBERIZED UNDERCOATING 16OZ AE

Contains PETROLEUM GASES, LIQUEFIED, SWEETENED, STODDARD SOLVENT, TOLUENE

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

Recommended Use Undercoating - Aerosol

Uses advised against No information available

1.3. Details of the supplier of the safety data sheet

Importer

ITW Permatex
10 Columbus Blvd.
Hartford, CT 06106 USA
Telephone: 1-87-Permatex
(877) 376-2839

E-mail address

mail@permatex.com

1.4. Emergency telephone number

24 Hour Emergency Phone Number - 800-255-3924 (00+ 1+ 813-248-0585) ChemTel

Section 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Aspiration toxicity	Category 1 - (H304)
Skin corrosion/irritation	Category 2 - (H315)
Reproductive Toxicity	Category 2 - (H361)
Specific target organ toxicity (repeated exposure)	Category 2 - (H373)
Chronic aquatic toxicity	Category 3 - (H412)
Aerosols	Category 1 - (H222)

Classification according to Directive 67/548/EEC or 1999/45/EC

Full text of R-phrases: see section 16

2.2. Label elements

Contains PETROLEUM GASES, LIQUEFIED, SWEETENED, STODDARD SOLVENT, TOLUENE



Signal word
Danger

Statements of hazard

H304 - May be fatal if swallowed and enters airways
H315 - Causes skin irritation
H361 - Suspected of damaging fertility or the unborn child
H373 - May cause damage to organs through prolonged or repeated exposure
H412 - Harmful to aquatic life with long lasting effects
H222 - Extremely flammable aerosol
H229 - Pressurized container: May burst if heated

Precautionary Statements - EU (§28, 1272/2008)

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P308 + P313 - IF exposed or concerned: Get medical advice/attention
P280 - Wear protective gloves/protective clothing/eye protection/face protection
P314 - Get medical advice/attention if you feel unwell
P260 - Do not breathe dust/fume/gas/mist/vapors/spray
P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor
P331 - Do NOT induce vomiting
P273 - Avoid release to the environment
P321 - Specific treatment (see supplemental first aid instructions on this label)
P210 - Keep away from open flames/hot surfaces. - No smoking
P211 - Do not spray on an open flame or other ignition source
P251 - Do not pierce or burn, even after use

Other Information

- The classification as a carcinogen or mutagen need not apply if it can be shown that the substance contains less than 0.1 % w/w 1,3-butadiene (EINECS No. 203-450-8). If the substance is not classified as a carcinogen or mutagen, at least the S-phrases (2-)9-16 (Table 3.2) should apply. This note applies only to certain complex oil-derived substances in Part 3
- The classification as a carcinogen or mutagen need not apply if it can be shown that the substance contains less than 0,1 % w/w benzene (EINECS No 200-753-7).

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 substances

Chemical Name	EC No	CAS No	Weight-%	Classification according to Directive 67/548/EEC or 1999/45/EC	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH Registration Number
PETROLEUM GASES, LIQUEFIED, SWEETENED	270-705-8	68476-86-8	15-40	F+; R12 Carc.Cat.1; R45 Muta.Cat.2; R46	Muta. 1B (H340) Carc. 1A (H350) Flam. Gas 1 (H220) Press. Gas	No data available
TOLUENE	203-625-9	108-88-3	7-13	F; R11 Xi; R38 Xn; R48/20-65 Repr.Cat.3; R63 R67	Skin Irrit. 2 (H315) Repr. 2 (H361d) STOT SE 3 (H336) STOT RE 2 (H373) Asp. Tox. 1 (H304) Flam. Liq. 2 (H225)	No data available
STODDARD	232-489-3	8052-41-3	5-10	Carc.Cat.2; R45	Muta. 1B (H340)	No data available

SOLVENT				Muta.Cat.2; R46 Xn; R48/20-65	Carc. 1B (H350) STOT RE 1 (H372) Asp. Tox. 1 (H304)	
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Full text of R-phrases: see section 16

Full text of H- and EUH-phrases: see section 16

Section 4: FIRST AID MEASURES

4.1. Description of first aid measures

General advice	In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).
Inhalation	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If symptoms persist, call a physician.
Skin contact	IF ON SKIN: Wash with soap and water. If symptoms persist, call a physician. Wash contaminated clothing before reuse.
Eye contact	IF IN EYES: 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	IF SWALLOWED: Call a physician or poison control center immediately. Do NOT induce vomiting.

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

Symptoms	See section 2 for more information
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4.3. Indication of any immediate medical attention and special treatment needed

Note to physicians	Treat symptomatically.
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Section 5: FIRE FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media

Carbon dioxide (CO₂). Foam. Dry chemical.

Unsuitable extinguishing media

No information available

5.2. Special hazards arising from the substance or mixture

Extremely flammable aerosol. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions

Ensure adequate ventilation, especially in confined areas. Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Take precautionary measures against static discharges. Remove all sources of ignition. Contents under pressure. Do not puncture or incinerate cans.

For emergency responders

Use personal protection recommended in Section 8.

6.2. Environmental precautions

See Section 12 for additional ecological information.

6.3. Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Eliminate all ignition sources if safe to do so. Ensure adequate ventilation. Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal.

6.4. Reference to other sections

See section 8 for more information. See section 13 for more information.

Section 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Advice on safe handling

Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Contents under pressure. Do not puncture or incinerate cans. Handle in accordance with good industrial hygiene and safety practice. Avoid breathing vapors or mists. Avoid contact with skin, eyes or clothing. Wash thoroughly after handling. Wash contaminated clothing before reuse. Use personal protective equipment as required.

General Hygiene Considerations

Do not eat, drink or smoke when using this product. Take off all contaminated clothing and wash it before reuse. Wash hands thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions

Store locked up. Do not expose to temperatures exceeding 50 °C/122 °F.

Incompatible materials

Strong oxidizing agents

7.3. Specific end use(s)

Specific use(s)

Automotive Care Product.

Risk Management Methods (RMM)

The information required is contained in this Safety Data Sheet.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Chemical Name	European Union	United Kingdom	France	Spain	Germany
TOLUENE 108-88-3	TWA: 50 ppm TWA: 192 mg/m ³ *	TWA: 50 ppm TWA: 191 mg/m ³ STEL: 100 ppm	TWA: 1000 mg/m ³ STEL: 1500 mg/m ³ *	TWA: 50 ppm TWA: 192 mg/m ³ STEL: 100 ppm	TWA: 50 ppm TWA: 190 mg/m ³ H*

		STEL: 384 mg/m ³ Sk*		STEL: 384 mg/m ³ via dérmica*	
Chemical Name	Italy	Portugal	Netherlands	Finland	Denmark
TOLUENE 108-88-3	TWA: 50 ppm TWA: 192 mg/m ³ pelle*	TWA: 50 ppm TWA: 192 mg/m ³ STEL: 100 ppm STEL: 384 mg/m ³ P*	TWA: 150 mg/m ³ STEL: 384 mg/m ³	TWA: 25 ppm TWA: 81 mg/m ³ STEL: 100 ppm STEL: 380 mg/m ³ iho*	TWA: 25 ppm TWA: 94 mg/m ³ H*
STODDARD SOLVENT 8052-41-3	-	TWA: 100 ppm	-	-	TWA: 25 ppm TWA: 145 mg/m ³
Chemical Name	Austria	Switzerland	Poland	Norway	Ireland
TOLUENE 108-88-3	TWA: 50 ppm TWA: 190 mg/m ³ STEL 100 ppm STEL 380 mg/m ³ H*	TWA: 50 ppm TWA: 190 mg/m ³ STEL: 200 ppm STEL: 760 mg/m ³ H*	STEL: 200 mg/m ³ TWA: 100 mg/m ³	TWA: 25 ppm TWA: 94 mg/m ³ STEL: 37.5 ppm STEL: 141 mg/m ³ H*	TWA: 50 ppm TWA: 192 mg/m ³ STEL: 384 mg/m ³ STEL: 100 ppm Sk*
STODDARD SOLVENT 8052-41-3	-	TWA: 100 ppm TWA: 525 mg/m ³	STEL: 900 mg/m ³ TWA: 300 mg/m ³	-	TWA: 100 ppm TWA: 573 mg/m ³

Chemical Name	European Union	United Kingdom	France	Spain	Germany
TOLUENE 108-88-3	-	-	-	0.5 1.6 0.05	600 µg/L 1.5 mg/L
Chemical Name	Italy	Portugal	Netherlands	Finland	Denmark
TOLUENE 108-88-3	-	-	-	500	-
Chemical Name	Austria	Switzerland	Poland	Norway	Ireland
TOLUENE 108-88-3	-	600 2 0.5	-	-	-

Derived No Effect Level (DNEL) No information available.

Predicted No Effect Concentration (PNEC) No information available.

8.2. Exposure controls

Engineering Controls Use exhaust ventilation to keep airborne concentrations below exposure limits.

Personal protective equipment

Eyeface protection

Wear safety glasses with side shields (or goggles).

Skin and body protection

Suitable protective clothing. Gloves made of plastic or rubber.

Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment. Use NIOSH-approved air-purifying respirator with organic vapor cartridge or canister, as appropriate.

Environmental exposure controls Local authorities should be advised if significant spillages cannot be contained.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state	Liquid, Aerosol
Appearance	Black
Odor	Solvent
Odor threshold	No information available

Property	Values
pH	No information available
Melting point / freezing point	No information available
Boiling point / boiling range	> 38 °C / 100 °F
Flash point	No information available
Evaporation rate	< 1

Remarks • Method

Gives a flame projection at full valve opening or flashback at any degree of valve opening
Butyl acetate = 1

Flammability (solid, gas)	No information available	
Flammability Limit in Air		
Upper flammability limit:	No information available	
Lower flammability limit:	No information available	
Vapor pressure	No information available	
Vapor density	>1	Air = 1
Relative density	1.02	
Water solubility	No information available	
Solubility(ies)	No information available	
Partition coefficient	No information available	
Autoignition temperature	No information available	
Decomposition temperature	No information available	
Kinematic viscosity	No information available	
Dynamic viscosity	No information available	
Explosive properties	No information available	
Oxidizing properties	No information available	

9.2. Other information

Softening point	No information available
Molecular weight	No information available
VOC Content (%)	39.5%
Density	No information available
Bulk density	No information available

Section 10: STABILITY AND REACTIVITY

10.1. Reactivity

Not applicable

10.2. Chemical stability

Stable under normal conditions.

Explosion data

Sensitivity to Mechanical Impact	None.
Sensitivity to Static Discharge	None.

10.3. Possibility of hazardous reactions

None under normal processing.

10.4. Conditions to avoid

Heat, flames and sparks. Temperatures >50 °C / 122 °F.

10.5. Incompatible materials

Strong oxidizing agents

10.6. Hazardous decomposition products

Carbon oxides
Oxides of sulfur
Hydrogen sulfide

Section 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Product Information

Inhalation	Harmful by inhalation.
Eye contact	Irritating to eyes. May cause redness and tearing of the eyes.
Skin contact	May cause skin irritation and/or dermatitis. Prolonged contact may cause redness and irritation.
Ingestion	Harmful if swallowed. Potential for aspiration if swallowed. Aspiration may cause pulmonary edema and pneumonitis.

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral)	3,825.00 mg/kg
ATEmix (dermal)	2,772.00 mg/kg
ATEmix (inhalation-dust/mist)	12.50 mg/l

Unknown acute toxicity

- 100 % of the mixture consists of ingredient(s) of unknown toxicity.
- 70 % of the mixture consists of ingredient(s) of unknown acute oral toxicity.
- 70 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity.
- 100 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas).
- 100 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor).
- 90 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist).

Skin corrosion/irritation	No information available.
Serious eye damage/eye irritation	No information available.
Sensitization	No information available.
Germ cell mutagenicity	No information available.
Carcinogenicity	No information available.

Chemical Name	European Union
PETROLEUM GASES, LIQUEFIED, SWEETENED	Carc. 1A
STODDARD SOLVENT	Carc. 1B

Reproductive toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Target Organ Effects	Central nervous system, Central Vascular System (CVS), Eyes, kidney, Liver, Respiratory system, Skin.
Aspiration hazard:	No information available.

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecotoxicity Harmful to aquatic life. Harmful to aquatic life with long lasting effects.

Chemical Name	Algae/aquatic plants	Fish	Crustacea
TOLUENE	433: 96 h Pseudokirchneriella subcapitata mg/L EC50 12.5: 72 h Pseudokirchneriella subcapitata mg/L EC50 static	15.22 - 19.05: 96 h Pimephales promelas mg/L LC50 flow-through 12.6: 96 h Pimephales promelas mg/L LC50 static 5.89 - 7.81: 96 h Oncorhynchus mykiss mg/L LC50	5.46 - 9.83: 48 h Daphnia magna mg/L EC50 Static 11.5: 48 h Daphnia magna mg/L EC50

		flow-through 14.1 - 17.16: 96 h Oncorhynchus mykiss mg/L LC50 static 5.8: 96 h Oncorhynchus mykiss mg/L LC50 semi-static 11.0 - 15.0: 96 h Lepomis macrochirus mg/L LC50 static 54: 96 h Oryzias latipes mg/L LC50 static 28.2: 96 h Poecilia reticulata mg/L LC50 semi-static 50.87 - 70.34: 96 h Poecilia reticulata mg/L LC50 static	
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12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available.

Chemical Name	Partition coefficient
PETROLEUM GASES, LIQUEFIED, SWEETENED	<=2.8
TOLUENE	2.65

12.4. Mobility in soil

Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

No information available.

12.6. Other adverse effects

No information available

Section 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste from residues/unused products	Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated packaging	Do not reuse container.
Waste codes / waste designations according to EWC / AVV	No data available
Other Information	Waste codes should be assigned by the user based on the application for which the product was used.

Section 14: TRANSPORT INFORMATION

IMDG

14.1 UN/ID no	1950
14.2 Proper shipping name:	Aerosols, Limited Quantity (LQ)
14.3 Hazard Class	2.1
14.4 Packing Group	None

14.5 Marine pollutant Not applicable
14.6 Special Provisions No information available
14.7 EmS-No F-D, S-U

RID

14.1 UN/ID no 1950
14.2 Proper shipping name: Aerosols, Limited Quantity (LQ)
14.3 Hazard Class 2.1
14.4 Packing Group None
14.5 Environmental hazard Not applicable
14.6 Special Provisions No information available
14.7 Classification code 5F

ADR

14.1 UN/ID no 1950
14.2 Proper shipping name: Aerosols, Limited Quantity (LQ)
14.3 Hazard Class 2.1
14.4 Packing Group None
14.5 Environmental hazard Not applicable
14.6 Special Provisions No information available
14.7 Classification code 5F

IATA

14.1 UN/ID no ID 8000
14.2 Proper shipping name: Consumer commodity
14.3 Hazard Class 9
14.4 Packing Group None
14.5 Environmental hazard Not applicable
14.6 Special Provisions No information available
14.7 ERG Code 9L

Section 15: REGULATORY INFORMATION

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

Chemical Name	French RG number	Title
TOLUENE 108-88-3	RG 4bis, RG 84	-
STODDARD SOLVENT 8052-41-3	RG 84	-

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Authorizations and/or restrictions on use:

This product does not contain substances subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV) This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

Chemical Name	Restricted substance per REACH Annex XVII	Substance subject to authorization per REACH Annex XIV
PETROLEUM GASES, LIQUEFIED, SWEETENED - 68476-86-8	Use restricted. See item 28. Use restricted. See item 29.	
TOLUENE - 108-88-3	Use restricted. See item 48.	
STODDARD SOLVENT - 8052-41-3	Use restricted. See item 28.	

Persistent Organic Pollutants

Not applicable

Ozone-depleting substances (ODS) regulation (EC) 1005/2009

Not applicable

International Inventories

TSCA	Complies
DSL/NDL	Complies
EINECS/ELINCS	Complies
ENCS	Not Listed.
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

15.2. Chemical safety assessment

No information available

Section 16: OTHER INFORMATION

Key or legend to abbreviations and acronyms used in the safety data sheet

Full text of R-phrases referred to under sections 2 and 3

No information available

Full text of H-Statements referred to under section 3

H315 - Causes skin irritation

H361d - Suspected of damaging the unborn child

H336 - May cause drowsiness or dizziness

H373 - May cause damage to organs through prolonged or repeated exposure if inhaled

H304 - May be fatal if swallowed and enters airways

H225 - Highly flammable liquid and vapor

H340 - May cause genetic defects if inhaled

H350 - May cause cancer if swallowed

H220 - Extremely flammable gas

H372 - Causes damage to organs through prolonged or repeated exposure if inhaled

Legend

SVHC: Substances of Very High Concern for Authorization:

Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation

Revision Date 18-Aug-2015

Revision Note Not applicable.

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

End of Safety Data Sheet