1: Identification

Product identifier

Mixture identification:

Trade name: POLYPLUS 60-PREM.NON FIB.ALUM RCOAT

Trade code: 9067260

Recommended use and restrictions on use

Recommended use: Coating

Restrictions on use: Not available

Supplier's details

Company: Polyglass U.S.A. Inc.

1111 West Newport Center Drive - 33442 - Deerfield Beach - FL - USA

Phone: 866-222-9782

Responsible: RDProductSafety@mapei.com

Emergency phone number

Emergency Number (USA/Canada) CHEMTREC 1(800) 424-9300 / 1(703) 527-3887

Emergency Transport CANUTEC (Canada) 1-613-996-6666

2. Hazard identification



Classification of the product

Flammable Liquids — Category 3	Flammable liquid and vapour.
Germ cell mutagenicity, Category 1B	May cause genetic defects if inhaled, in contact with skin and if swallowed.
Carcinogenicity, Category 1B	May cause cancer if inhaled, in contact with skin and if swallowed.
Specific target organ toxicity following repeated exposure, Category 1	Causes damage to organs through prolonged or repeated exposure if inhaled, in contact with skin and if swallowed.
Acute (short-term) aquatic hazard - Category 3	Harmful to aquatic life
Chronic (long-term) aquatic hazard - Category 3	Harmful to aquatic life with long lasting effects.

Label elements

Hazard pictograms and Signal Word



Danger

Hazard statements

H226	Flammable liquid and vapour.
H340	May cause genetic defects if inhaled, in contact with skin and if swallowed.
H350	May cause cancer if inhaled, in contact with skin and if swallowed.
H372	Causes damage to organs through prolonged or repeated exposure if inhaled, in contact with skin and if swallowed.
H402	Harmful to aquatic life
H412	Harmful to aquatic life with long lasting effects.

Precautionary statements

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233	Keep container tightly closed.
P240	Ground and bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting equipment.

P242	Use non-sparking tools.
P243	Take action to prevent static discharges.
P260	Do not breathe mist/vapours/spray.
P264	Wash skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P273	Avoid release to the environment.
P280	Wear protective gloves/clothing and eye/face protection.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P308+P313	CA$P308+P313
P314	Get medical advice/attention if you feel unwell.
P370+P378	In case of fire, use a dry powder fire extinguisher to extinguish.
P403+P235	Store in a well-ventilated place. Keep cool.
P501	Dispose of contents/container in accordance with applicable regulations.

Other hazards

None

Ingredient(s) with unknown acute toxicity

None

3. Composition/information on ingredients

Substances

Not Relevant

Mixtures

Hazardous components within the meaning of WHMIS 2015 (HPR and its amendments) and related classification:

List of components

Qty	Name	Ident. Numb.	Classification
≥40 - <50 %	petroleum hydrocarbons; Stoddard Solvent	CAS:8052-41-3 EC:232-489-3 Index:649-345-00-4	Flam. Liq. 3, H226; STOT RE 1, H372; Asp. Tox. 1, H304
≥5 - <10 %	naphtha (petroleum), hydrodesulfurized heavy	CAS:64742-82-1 EC:265-185-4 Index:649-330-00-2	Carc. 1B, H350; Muta. 1B, H340; STOT RE 1, H372; Asp. Tox. 1, H304
≥3 - <5 %	1,2,4-trimethyl-benzene; pseudocumene	CAS:95-63-6 EC:202-436-9 Index:601-043-00-3	Flam. Liq. 3, H226; Eye Irrit. 2A, H319; STOT SE 3, H335; Skin Irrit. 2, H315; Aquatic Chronic 2, H411; Acute Tox. 4, H332
≥1 - <2.5 %	naphthenic oil; Low boiling point naphtha - unspecified	CAS:64742-95-6, 128601-23-0 EC:265-199-0 Index:649-356-00-4	STOT SE 3, H335; STOT SE 3, H336; Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Chronic 2, H411

The actual concentration of the components listed above is withheld as a trade secret.

Declared percentages are expressed in w/w

4. First-aid measures

Description of necessary first-aid measures

In case of skin contact:

Immediately take off all contaminated clothing.

Remove contaminated clothing immediately and dispose of safely.

In case of eyes contact:

Wash immediately with water.

In case of Ingestion:

Do not induce vomiting, get medical attention showing the SDS and the hazard label.

In case of Inhalation:

If breathing is irregular or stopped, administer artificial respiration.

In case of inhalation, consult a doctor immediately and show him packing or label.

Most important symptoms/effects, acute and delayed

Not available

Indication of immediate medical attention and special treatment needed, if necessary

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).
Treatment:

(see paragraph 4.1)

5. Fire-fighting measures

Suitable and unsuitable extinguishing media

Suitable extinguishing media:

In case of fire, use a dry powder fire extinguisher to extinguish.

CO2 or Dry chemical fire extinguisher.

Unsuitable extinguishing media:

None in particular.

Specific hazards arising from the hazardous product

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

Hazardous combustion products: Not available

Explosive properties: Not available

Oxidizing properties: Not available

Special protective equipment and precautions for fire-fighters

Use suitable breathing apparatus.

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

Remove all sources of ignition.

Wear breathing apparatus if exposed to vapours/dusts/aerosols.

Provide adequate ventilation.

Use appropriate respiratory protection.

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

Limit leakages with earth or sand.

Methods and material for containment and cleaning up

Suitable material for taking up: absorbing material, organic, sand

Retain contaminated washing water and dispose it.

7. Handling and storage

Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

Exercise the greatest care when handling or opening the container.

Use localized ventilation system.

Don't use empty container before they have been cleaned.

Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.

Contaminated clothing should be changed before entering eating areas.

Do not eat or drink while working.

Wash skin thoroughly after handling.

See also section 8 for recommended protective equipment.

Conditions for safe storage, including any incompatibilities

Store cool and dry.

Always keep in a well ventilated place.

Keep away from heat/sparks/open flames/hot surfaces. — No smoking.

Store in a well-ventilated place. Keep cool.

Avoid direct exposure to sunlight.

Opened containers must be carefully resealed and kept upright to prevent leakage.

Flammable mixtures may accumulate within the headspace of containers at room temperature.

Storage at higher temperatures requires an appropriate evaluation of preventive and protection measures to be adopted.

Storage temperature must be defined on the basis of a proper risk evaluation. Refer to other sections for additional information.

Avoid accumulating electrostatic charge.

Keep away from food, drink and feed.

Electrical installations / working materials must comply with the technological safety standards.

Ground/bond container and receiving equipment.

Use explosion-proof electrical/ventilating/lighting equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

Incompatible materials:

Store away from incompatible materials (see Section 10 of the SDS).

Instructions as regards storage premises:

Cool and adequately ventilated.

Safety electric system.

Storage temperature: Not available

8. Exposure controls/personal protection

Control parameters

Occupational Exposure Limits (OEL)

petroleum hydrocarbons; Stoddard Solvent

CAS: 8052-41-3	ACGIH	Long Term: 100 ppm Notes: CNS impairment;eye, kidney and skin damage;nausea; Long Term: 100 ppm Notes: CNS impairment;eye, kidney and skin damage;nausea
	OSHA	Long Term: 2900 mg/m3 - 500 ppm

1,2,4-trimethyl-benzene; pseudocumene

CAS: 95-63-6	EU		Long Term: 100 mg/m3 - 20 ppm
	MAK	AUSTRIA	Long Term: 100 mg/m3 - 20 ppm; Short Term: 150 mg/m3 - 30 ppm
	MAK	GERMANY	Long Term: 100 mg/m3 - 20 ppm

Appropriate engineering controls

Not available

Individual protection measures, such as personal protective equipment (PPE)

Eye protection:

Use close fitting safety goggles, don't use contact lenses.

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

Protection for hands:

Suitable materials for safety gloves; 29 CFR 1910.138 - ANSI/ISEA 105:

Polychloroprene - CR: thickness >=0,5mm; breakthrough time >=480min.

Nitrile rubber - NBR: thickness >=0,35mm; breakthrough time >=480min.

Butyl rubber - IIR: thickness >=0,5mm; breakthrough time >=480min.

Fluorinated rubber - FKM: thickness >=0,4mm; breakthrough time >=480min.

Use impervious gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.

Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.

Respiratory protection:

Respiratory protection must be used where exposure levels exceed workplace exposure limits. Refer to 29 CFR 1910.134 - CSA Z94.4 for information on selection and use of appropriate respiratory protection equipment.

Use adequate protective respiratory equipment.

9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state:	Liquid
Color:	alluminium
Odour:	hydrocarbons like
Melting point / freezing point:	No data available
Initial boiling point and boiling range:	179 °C (354 °F)
Flammability:	The product is classified Flam. Liq. 3
Upper/lower flammability or explosive limits:	No data available
Flash point:	40.5 °C (104.9 °F)
Auto-ignition temperature:	No data available

Decomposition temperature:	No data available
pH:	No data available
Kinematic viscosity:	No data available
Viscosity:	No data available
Solubility in water:	immiscible
Solubility in oil:	miscible
Partition coefficient (n-octanol/water):	No data available
Vapour pressure:	2.34 (kPa 50°C).
Relative density:	0.98 g/cm3
Relative vapour density:	0.017

Particle characteristics:

Particle size: No data available

10. Stability and reactivity

Reactivity

Stable

Chemical stability

It may generate dangerous reactions (See subsections below)

Possibility of hazardous reactions

It may catch fire on contact with oxidising mineral acids, and powerful oxidising agents.

Conditions to avoid

Heat and open flames.

Avoid accumulating electrostatic charge.

Incompatible materials

Avoid contact with oxidizing materials. The product could catch fire.

Hazardous decomposition products

Data not available.

11. Toxicological information

Information on toxicological effects

Likely routes of exposure:

Skin contact, skin absorption, eye contact, inhalation and ingestion.

Toxicological Information of the Preparation

a) acute toxicity	Not classified
	Based on available data, the classification criteria are not met
b) skin corrosion/irritation	Not classified
	Based on available data, the classification criteria are not met
c) serious eye damage/irritation	Not classified
	Based on available data, the classification criteria are not met
d) respiratory or skin sensitisation	Not classified
	Based on available data, the classification criteria are not met
e) germ cell mutagenicity	The product is classified: Germ cell mutagenicity, Category 1B(H340)
f) carcinogenicity	The product is classified: Carcinogenicity, Category 1B(H350)
g) reproductive toxicity	Not classified
	Based on available data, the classification criteria are not met
h) STOT-single exposure	Not classified
	Based on available data, the classification criteria are not met
i) STOT-repeated exposure	The product is classified: Specific target organ toxicity following repeated exposure, Category 1(H372)
j) aspiration hazard	Not classified
	Based on available data, the classification criteria are not met

Toxicological information on main components of the mixture:

petroleum hydrocarbons; Stoddard Solvent

CAS: 8052-41-3	a) acute toxicity	LD50 Skin Rabbit > 3000 mg/kg
		LC50 Inhalation Rat > 5.5 mg/l 4h

naphtha (petroleum), hydrodesulfurized heavy

CAS: 64742-82-1	a) acute toxicity	LD50 Skin Rabbit > 3160 mg/kg
		LD50 Oral Rat > 5000 mg/kg

1,2,4-trimethyl-benzene; pseudocumene

CAS: 95-63-6	a) acute toxicity	LD50 Skin Rabbit > 3160 mg/kg
		LC50 Inhalation Rat = 18 g/m3 4h
		LD50 Oral Rat = 3280 mg/kg

naphthenic oil; Low boiling point naphtha - unspecified

CAS: 64742-95-6, 128601-23-0	a) acute toxicity	LD50 Skin Rabbit > 2000 mg/kg
		LD50 Oral Rat = 3492 mg/kg
		LC50 Inhalation Vapour Rat = 6193 mg/m3

Substance(s) listed on the IARC Monographs:

None

Substance(s) listed as OSHA Carcinogen(s):

None

Substance(s) listed as NIOSH Carcinogen(s):

None

Substance(s) listed on the NTP report on Carcinogens:

None

12. Ecological information

Ecotoxicity

Adopt good working practices, so that the product is not released into the environment.

List of Eco-Toxicological properties of the product

The product is classified: Acute (short-term) aquatic hazard - Category 3(H402), Chronic (long-term) aquatic hazard - Category 3(H412)

List of Eco-Toxicological properties of the components

1,2,4-trimethyl-benzene; pseudocumene

CAS: 95-63-6	G: LC50 Avian Colinus virginianus > 6500 ppm 5d IUCLID
	G: LD50 Avian Colinus virginianus > 2250 mg/kg IUCLID
	a) Aquatic acute toxicity: LC50 Fish Pimephales promelas 7.19 mg/L 96h EPA
	a) Aquatic acute toxicity: EC50 Daphnia Daphnia magna = 6.14 mg/L 48h IUCLID

naphthenic oil; Low boiling point naphtha - unspecified

CAS: 64742-95-6, 128601-23-0	a) Aquatic acute toxicity: LC50 Fish Oncorhynchus mykiss = 9.22 mg/L 96h IUCLID
	a) Aquatic acute toxicity: EC50 Daphnia Daphnia magna = 21.3 mg/L 48h IUCLID

Persistence and degradability

N.A.

Bioaccumulative potential

N.A.

Mobility in soil

N.A.

Other adverse effects

N.A.

13. Disposal considerations

Safe handling and methods for disposal

The generation of waste should be avoided or minimized wherever possible. Recover if possible.

Methods of disposal:

Disposal of this product, solutions, packaging and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Dispose of surplus and nonrecyclable products via a licensed waste disposal contractor.

Do not dispose of waste into sewers.

Disposal considerations:

Do not allow to enter drains or watercourses.

Dispose of product according to all federal, state and local applicable regulations.

If this product is mixed with other wastes, the original waste product code may no longer apply and the appropriate code should be assigned.

Dispose of containers contaminated by the product in accordance with local or national legal provisions. For further information, contact your local waste authority.

Special precautions:

This material and its container must be disposed of in a safe way. Care should be taken when handling untreated empty containers.

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Empty containers or liners may retain some product residues. Do not re-use empty containers.

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14. Transport information

UN number

TDG-UN number: UN1993

ADR-UN number: 1993

DOT-UN Number: NA1993

IATA-Un number: 1993

IMDG-Un number: 1993

UN proper shipping name

TDG-Shipping Name: FLAMMABLE LIQUID, N.O.S. (solvent naphtha - trimethylbenzene)

ADR-Shipping Name: FLAMMABLE LIQUID, N.O.S. (solvent naphtha - trimethylbenzene)

DOT-Proper Shipping Name: Combustible liquid, n.o.s. (solvent naphtha - trimethylbenzene)

IATA-Technical name: FLAMMABLE LIQUID, N.O.S. (solvent naphtha - trimethylbenzene)

IMDG-Technical name: FLAMMABLE LIQUID, N.O.S. (solvent naphtha - trimethylbenzene)

Transport hazard class(es)

TDG-Class: 3

ADR-Class: 3

DOT-Hazard Class: Comb liq

IATA-Class: 3

IMDG-Class: 3

Packing group

TDG-Packing Group: III

ADR-Packing Group: III

DOT Packing Group: III

IATA-Packing group: III

IMDG-Packing group: III

Environmental hazards

Marine pollutant: No

Environmental Pollutant: Not Applicable

DOT-RQ: Yes DOT-RQ - Quantity: 100 lbs

Not Applicable

Special precautions in connection with transport or conveyance

TDG:

TDG Special provisions: 16,150 N/A

Department of Transportation (DOT):

DOT-Special Provision(s): 148, IB3, T1, TP1

DOT-Label(s): -

DOT-Symbol: D G

DOT-Cargo Aircraft: 220 L

DOT-Passenger Aircraft: 60 L

DOT-Bulk: 241

DOT-Non-Bulk: 203

DOT-Limited Quantity threshold: 5 L

Road and Rail (ADR-RID) :

ADR-Label: 3

ADR-Hazard identification number: 30

ADR-Transport category (Tunnel restriction code): 3 (D/E)

Air (IATA) :

IATA-Passenger Aircraft: 355

IATA-Cargo Aircraft: 366

IATA-Label: 3

IATA-Subsidiary hazards: -

IATA-Erg: 3L

IATA-Special Provisioning: A3

Sea (IMDG) :

IMDG-Stowage and handling: Category A

IMDG-Segregation: -

IMDG-Subsidiary hazards: -

IMDG-Special Provisioning: 223 274 955

IMDG-EMS: F-E, S-E

Pursuant to 49 CFR 173.120(b)(2) and 49 CFR 173.150(f) a flammable liquid with a flash point at or above 100 degrees Fahrenheit may be reclassed as a combustible liquid for transportation within the U.S. by motor vehicle or rail only.

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15. Regulatory information

Canada - Federal regulations

This Safety Data Sheet has been prepared according to the WHMIS Hazardous Products Regulations (SOR/2015-17 as amended by SOR/2022-272).

DSL - Domestic Substances List

All the substances are listed in the DSL.

NDSL - Non Domestic Substances List

This product complies with NDSL inventory

NPRI - National Pollutant Release Inventory

NPRI (National Pollutant Release Inventory) - List of substances listed.

No substances listed

USA - Federal regulations

TSCA - Toxic Substances Control Act

All the components are listed on the TSCA inventory

TSCA listed substances:

petroleum hydrocarbons; Stoddard Solvent	is listed in TSCA	Section 8b
naphtha (petroleum), hydrodesulfurized heavy	is listed in TSCA	Section 8b
1,2,4-trimethyl-benzene; pseudocumene	is listed in TSCA	Section 8b
naphthenic oil; Low boiling point naphtha - unspecified	is listed in TSCA	Section 8b

SARA - Superfund Amendments and Reauthorization Act

Section 302 - Extremely Hazardous Substances:

No substances listed

Section 304 - Hazardous substances:

No substances listed

Section 313 - Toxic chemical list:

1,2,4-trimethyl-benzene; pseudocumene

CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act

Substance(s) listed under CERCLA:

No substances listed

CAA - Clean Air Act

CAA listed substances:

1,2,4-trimethyl-benzene; pseudocumene	is listed in CAA	Section 112(b) - HON

CWA - Clean Water Act

CWA listed substances:

No substances listed

USA - State specific regulations

California Proposition 65

Substance(s) listed under California Proposition 65:

No substances listed

Massachusetts Right to know

Substance(s) listed under Massachusetts Right to know:

petroleum hydrocarbons; Stoddard Solvent

1,2,4-trimethyl-benzene; pseudocumene

Pennsylvania Right to know

Substance(s) listed under Pennsylvania Right to know:

petroleum hydrocarbons; Stoddard Solvent

1,2,4-trimethyl-benzene; pseudocumene

New Jersey Right to know

Substance(s) listed under New Jersey Right to know:

petroleum hydrocarbons; Stoddard Solvent

1,2,4-trimethyl-benzene; pseudocumene

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16. Other information

Safety Data Sheet dated: 9/21/2026 - version 4

Reasonable care has been taken in the preparation of this information, but the manufacturer makes no warranty of merchantability or any other warranty, expressed or implied, with respect to this information. The manufacturer makes no representations and assumes no liability for any direct, incidental or consequential damages resulting from its use. The information herein is presented in good faith and believed to be accurate as of the effective date given. It is the buyer's responsibility to ensure that its activities comply with Federal, State or provincial, and local laws.

This document was prepared by a competent person who has received appropriate training.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This SDS cancels and replaces any preceding release.

Code	Description
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H340	May cause genetic defects.
H350	May cause cancer.
H372	Causes damage to organs through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.

Code	Hazard class and hazard category	Description
A.1/4/Inhal	Acute Tox. 4	Acute toxicity (inhalation), Category 4
A.10/1	Asp. Tox. 1	Aspiration hazard, Category 1
A.2/2	Skin Irrit. 2	Skin irritation, Category 2
A.3/2A	Eye Irrit. 2A	Eye irritation, Category 2A
A.5/1B	Muta. 1B	Germ cell mutagenicity, Category 1B
A.6/1B	Carc. 1B	Carcinogenicity, Category 1B
A.8/3	STOT SE 3	Specific target organ toxicity following single exposure, Category 3
A.9/1	STOT RE 1	Specific target organ toxicity following repeated exposure, Category 1
B.6/3	Flam. Liq. 3	Flammable Liquids — Category 3
CAN-HAE/C2	Aquatic Chronic 2	Chronic (long-term) aquatic hazard - Category 2

Legend to abbreviations and acronyms used in the safety data sheet:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.
IMDG: International Maritime Code for Dangerous Goods.
IATA: International Air Transport Association.
IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO: International Civil Aviation Organization.
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).
GHS: Globally Harmonized System of Classification and Labeling of Chemicals.
CLP: Classification, Labeling, Packaging.
EINECS: European Inventory of Existing Commercial Chemical Substances.
INCI: International Nomenclature of Cosmetic Ingredients.
CAS: Chemical Abstracts Service (division of the American Chemical Society).
GefStoffVO: Ordinance on Hazardous Substances, Germany.
LC50: Lethal concentration, for 50 percent of test population.
LD50: Lethal dose, for 50 percent of test population.
DNEL: Derived No Effect Level.
PNEC: Predicted No Effect Concentration.
TLV: Threshold Limiting Value.
TWATLV: Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).
STEL: Short Term Exposure limit.
STOT: Specific Target Organ Toxicity.
WGK: German Water Hazard Class.
KSt: Explosion coefficient.

Paragraphs modified from the previous revision:

- Safety Data Sheet
- 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING
- 3. COMPOSITION/INFORMATION ON INGREDIENTS
- 8. EXPOSURE CONTROLS/PERSONAL PROTECTION
- 9. PHYSICAL AND CHEMICAL PROPERTIES
- 11. TOXICOLOGICAL INFORMATION
- 12. ECOLOGICAL INFORMATION
- 14. TRANSPORT INFORMATION
- 15. REGULATORY INFORMATION