

SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006 (REACH)

Version 2.1 Print date: 28/01/2014

Revision date: 28/01/2014

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

1.1 Product identifier:

Identification on the label/Trade name: F954 & F955 PLASTI DIP UV

CAS: See section 3 EC: See section 3

Index Number: N/A

REACH Pre-registration No.: N/A

Additional identification: N/A

1.2 Relevant identified uses of the substance and uses advised against:

1.2.1 Identified uses:

Not available.

1.2.2 Uses advised against:

Not available.

1.3 Details of the supplier of the safety data sheet:

Plasti Dip International Inc.

3920 Pheasant Ridge Drive, Blaine, MN 55449

Tel: 1-763-785-2156 Fax: 1-763-785-2058

Email: Debbie.Dahlberg@plastidip.com

1.4 Emergency telephone Number: USA only: 1-800-424-9300 INT'L: 703-527-3887

Available 24 hours?

YES

☒

NO

☐

Section 2 HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

2.1.1 Classification:

Classification in according to EU CLP 1272/2008	
Hazard classes/Hazard categories	Hazard statement
Flam. Liq. 2	H225
Asp. Tox. 1	H304
Skin Irrit. 2	H315
STOT SE 3	H336
Repr. 2	H361
STOT RE 2	H373
Aquatic Chronic 3	H412

For full text of H- phrases: see section 2.2.

Classification in according to 67/548/EEC(DSD)	
Hazards characteristics	R-Phrases
-	R10
Xi	R38
Xn	R48/22
-	R52-53
Repr. Cat. 3	R62

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Xn	R65
-	R67

For full text of R-phrases: see section 16.

2.1.2 The most important adverse effects

2.1.2.1 The most important adverse physicochemical effects:

Highly flammable liquid and vapour.

2.1.2.2 The most important adverse human health effects:

May be fatal if swallowed and enters airways. Causes skin irritation.

May cause drowsiness or dizziness. Suspected of damaging fertility or the unborn child.

May cause damage to organs through prolonged or repeated exposure.

2.1.2.3 The most important adverse environmental effects:

Harmful to aquatic life with long lasting effects.

2.2 Label elements

Hazard Pictograms:



Signal Word(S): **Danger**

Hazard Statement: H225: Highly flammable liquid and vapour.
H304: May be fatal if swallowed and enters airways.
H315: Causes skin irritation.
H336: May cause drowsiness or dizziness.
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.

Precautionary Statement: P201: Obtain special instructions before use.
P202: Do not handle until all safety precautions have been read and understood.
P210: Keep away from heat/sparks/open flames/hot surfaces. — No smoking.
P233: Keep container tightly closed.
P240: Ground/bond container and receiving equipment.
P241: Use explosion-proof electrical/ventilating/lighting equipment.
P242: Use only non-sparking tools.
P243: Take precautionary measures against static discharge.
P260: Do not breathe dust/fume/gas/mist/vapours/spray.
P264: Wash hands thoroughly after handling.
P271: Use only outdoors or in a well-ventilated area.
P273: Avoid release to the environment.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P281: Use personal protective equipment as required.
P301 + P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor /physician.
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P303 + P361 + P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304 + P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P308 + P313: IF exposed or concerned: Get medical advice/attention.

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P312: Call a POISON CENTER or doctor/physician if you feel unwell.
P332 + P313: If skin irritation occurs: Get medical advice/attention.
P331: Do NOT induce vomiting.
P362: Take off contaminated clothing and wash before reuse.
P370 + P378: In case of fire: Use carbon dioxide, dry chemical or foam for extinction.
P403 + P233: Store in a well-ventilated place. Keep container tightly closed.
P403 + P235: Store in a well-ventilated place. Keep cool.
P405: Store locked up.
P501: Dispose of contents/container in according with local regulation.

2.3 Other hazards

Not applicable.

Section 3 COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Mixture: Mixture

Ingredient(s):

Substance Name	CAS#	EC#	% by weight	REACH No.	Classification
Solvent naphtha (petroleum), light aliph.	64742-89-8	265-192-2	33.5-33.6%	-	H304, H340, H350, Note P
Hexane	110-54-3	203-777-6	14.5-15.1%	-	H225, H304, H315, H336, H361, H373, H411
Xylene	1330-20-7	215-535-7	12.5-13.0%	-	H226, H312, H315, H332
Butanone	78-93-3	201-159-0	7.5-8.3%	-	H225, H319, H336
Ethylbenzene	100-41-4	202-849-4	3.0-3.2%	-	H225, H332

Note P: 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). When the substance is not classified as a carcinogen at least the precautionary statements (P102-)P260-P262-P301 + P310-P331 (Table 3.1) or the S-phrases (2-)23-24-62 (Table 3.2) shall apply. This Note applies only to certain complex oil-derived substances in Part 3.

Section 4 FIRST AID MEASURES

4.1 Description of first aid measures:

4.1.1 In case of inhalation:

Remove to fresh air. Administer oxygen or artificial respiration if necessary.

4.1.2 In case of skin contact:

Wash with soap and water.

4.1.3 In case of eyes contact:

Flush with large amounts of water. If irritation persists, contact physician.

4.1.4 In case of ingestion:

Contact physician or poison control immediately.

4.2 Most important symptoms and effects, both acute and delayed

May be fatal if swallowed and enters airways. Causes skin irritation.

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May cause drowsiness or dizziness. Suspected of damaging fertility or the unborn child.

May cause damage to organs through prolonged or repeated exposure.

4.3 Indication of any immediate medical attention and special treatment needed

Immediately call a POISON CENTER or doctor/physician.

Section 5 FIRE-FIGHTING MEASURES

5.1 Extinguishing media:

Suitable extinguishing media: Carbon dioxide, dry chemical or foam.

Unsuitable extinguishing media: Not available.

5.2 Special hazards arising from the substance or mixture

This material is flammable and may be ignited by heat, sparks, flame or static electricity. In case of fire, the following can be released: Carbon Dioxide and/or carbon monoxide.

5.3 Advice for fire-fighters:

In any fire, fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Cool containers at risk with water spray jet.

Section 6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Keep non-involved personnel away from the area of spillage. Eliminate all ignition sources if safe to do so. Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation.

6.2 Environmental precautions:

Do not allow material to be released to the environment without proper governmental permits.

6.3 Methods for containment and cleaning up:

Wipe up with floor absorbent. Transfer to hood. Prevent run-off to sewers.

6.4 Reference to other sections:

Refer to section 8 of the SDS.

6.5 Additional information:

Not available.

Section 7 HANDLING AND STORAGE

7.1 Precautions for safe handling:

7.1.1 Protective measures:

Observe good industrial hygiene practices. Take precautionary measures against static electricity. Ground/bond containers, tanks and transfer/receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Avoid contact with skin. Avoid contact with eyes. Avoid prolonged exposure. Wash hands thoroughly after handling. Use personal protective equipment as required.

7.1.2 Advice on general occupational hygiene:

Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Remove contaminated clothing and protective equipment before entering eating areas.

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7.2 Conditions for safe storage, including any incompatibilities:

Do not store above 120°F and use adequate ventilation. Keep container closed when not in use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

7.3 Specific end use(s):

Not available.

Section 8 EXPOSURE CONTROL/PERSONAL PROTECTION

8.1 Control parameters:

8.1.1 Occupational exposure limits:

Substance	CAS No.	Occupational Exposure Limit Value(8-hour reference period)		Occupational Exposure Limit Value (15-minute reference Period)		
		ppm	mg/ m ³	ppm	mg/ m ³	Notes
Hexane	110-54-3	20	70	-	-	IOELV
Xylene	1330-20-7	50	221	100	442	Sk, IOELV
Butanone	78-93-3	200	600	300	900	Sk, IOELV
Ethylbenzene	100-41-4	100	435	125	545	Sk, IOELV

8.1.2 Additional exposure limits under the conditions of use: Not available.

8.1.3 DNEL/DMEL and PNEC-Values: Not available.

8.2 Exposure controls

8.2.1 Appropriate engineering controls:

None required under normal use conditions. Use adequate ventilation to keep airborne concentrations low.

8.2.2 Individual protection measures, such as personal protective equipment:

Eye/face protection: Chemical splash goggles, or approved eye protection.

Hand protection: Due to the packaging form, aerosol, risk of skin contact is small. For prolonged or repeated skin contact use suitable protective gloves.

Body protection: Antistatic and flame-retardant clothing.

Respiratory protection: Depending on the airborne concentration, use a respirator with appropriate NIOSH approved cartridge or supplied air equipment.

8.2.3 Environmental exposure controls:

Avoid discharge into the environment.

Section 9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance:	Liquid, honey like substance
Colour:	Various colors
Odour:	Characteristic odor
Odour threshold:	No data available
pH:	No data available
Melting point/range :	No data available
Boiling point/range (°C) :	79-141°C

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Flash point (°C) :	-7°C(TCC)
Evaporation rate:	>1.0(Butyl acetate =1)
Flammability (solid, gas);	No data available
Ignition temperature (°C) :	No data available
Upper/lower flammability/explosive limits:	Flammable limits: LEL: 0.9; UEL: 11.5
Vapour pressure :	78mm Hg@20°C
Vapour density:	Heavier than air
Density (25°C):	No data available
Water solubility (g/l):	Insoluble
n-Octanol/Water (log Po/w) :	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity, dynamic (70°F) :	No data available

9.2 Physical hazards:

Highly flammable liquid and vapour.

9.3 Other information:

Fat solubility(solvent– oil to be specified) etc	Not available
Bulk Density:	Not available
Dissociation constant in water(pKa):	Not available
Oxidation-reduction Potential:	Not available
Surface tension:	Not available
% Volatile:	71-75.2%
Voc lbs./gal:	4.8-5.0
Specific gravity:	0.79 - 0.83(H2O =1)

Section 10 STABILITY AND RELIABILITY

10.1 Reactivity:

Stable under recommended transport or storage conditions.

10.2 Chemical stability:

Stable under normal temperatures and pressures.

10.3 Possibility of hazardous reactions:

No dangerous reactions known.

10.4 Conditions to avoid:

Incompatible materials. Avoid heat, flames, sparks and other sources of ignition. Product may explode if heated.

10.5 Incompatible materials:

Strong acids, bases, oxidizing agents, selected amines with alkali metals and halogens.

10.6 Hazardous decomposition products:

Decomposition products may include the following materials: Carbon Monoxide and/or carbon dioxide.

Section 11 TOXICOLOGICAL INFORMATION

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11.1 Toxicokinetics, metabolism and distribution

Not available.

11.2 Information on toxicological effects

Acute toxicity:

LD50 (Rat, Rat): Not available.

LD50 (Dermal Rabbit): Not available.

LC50 (Inhalation, Rat): Not available.

Skin corrosion/Irritation: Causes skin irritation.

Serious eye damage/irritation: No data available.

Respiratory or skin sensitization: No data available.

Germ cell mutagenicity: No data available.

Carcinogenicity: No data available.

Reproductive toxicity: Suspected of damaging fertility or the unborn child.

STOT- single exposure: May cause drowsiness or dizziness.

STOT-repeated exposure: May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard: May be fatal if swallowed and enters airways.

Section 12 ECOLOGICAL INFORMATION

Toxicity:

<i>Acute toxicity</i>		<i>Time</i>	<i>Species</i>	<i>Method</i>	<i>Evaluation</i>	<i>Remarks</i>
LC50	N/A	96h	Fish	OECD 203	N/A	N/A
EC50	N/A	48h	Daphnia	OECD 202	N/A	N/A
EC50	N/A	72h	Algae	OECD 201	N/A	N/A

Persistence and degradability: No data available.

Bioaccumulative potential: No data available.

Mobility in soil: No data available.

Results of PBT&vPvB assessment: No data available.

Other adverse effects: No data available.

Section 13 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Contact a licensed professional waste disposal service. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Contaminated packing must be emptied of all residues and, following appropriate cleaning, may be sent to a recycling plant. Uncleaned packaging must be disposed of in the same manner.

Section 14. TRANSPORT INFORMATION

	<i>Land transport (ADR/RID)</i>	<i>Sea transport (IMDG)</i>	<i>Air transport (ICAO/IATA)</i>
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UN-Number:	1139	1139	1139
UN Proper shipping name:	COATING SOLUTION	COATING SOLUTION	COATING SOLUTION
Transport hazard Class:	3	3	3
Packaging group:	II	II	II
Environmental hazards:	No	No	No
Special precautions for user:	See section 2.2	See section 2.2	See section 2.2
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	IBC02	IBC02	IBC02

Section 15 REGULATORY INFORMATION

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

No data available.

Chemical Safety Assessment Carried Out? YES ☐

NO ☒

Section 16 OTHER INFORMATION

16.1 Indication of changes

Version 2.1 amended by EU No 453/2010.

16.2 Relevant R- phrases (number and full text):

R10 Flammable.

R38 Irritating to skin.

R48/22 Harmful: danger of serious damage to health by prolonged exposure if swallowed.

R52-53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R62 Possible risk of impaired fertility.

R65 Harmful: may cause lung damage if swallowed.

R67 Vapours may cause drowsiness and dizziness.

16.3 Legal Disclaimer:

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The company shall not be held liable for any damage resulting from handling or from contact with the above product.

- End -