SAFETY DATA SHEET

Poly White 741

SDS Revision Date: 06/24/2025

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 PRODUCT IDENTIFIER

Product Identity: Poly White 741

Alternate Names: Poly White, 741, Plastisol screen printing inks.

1.2 RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

Intended Use: Screen printing.

Application Method: See Product Bulletin.

1.3 DETAILS OF THE MANUFACTURER/SUPPLIER OF THE SAFETY DATA SHEET

Company Name:

International Coatings Company, Inc.
13929 166th Street
Cerritos, CA 90703

Customer Service: International Coatings Company, Inc. - (562) 926-1010

24 Hour Emergency Telephone Number - (800) 255-3924

2. HAZARD IDENTIFICATION OF THE PRODUCT

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Repr. 1B:H360Fd: May damage fertility. May damage the unborn child.

2.2 LABEL ELEMENTS

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.



Danger

H360Fd: May damage fertility. May damage the unborn child.

PREVENTION

P201: Obtain special instructions before use.

P202: Do not handle until all safety precautions have been read and understood.

P281: Use personal protective equipment as required.

RESPONSE

P308+313: IF exposed or concerned: Get medical advice/attention.

STORAGE

P405: Store locked up.

DISPOSAL

P501: Dispose of contents/container in accordance with local/national regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

This product contains the following substance(s) that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

1,3-PENTANEDIOL, 2,2,4-TRIMETHYL-, 1,3-DIBENZOATE

CAS Number: 68052-23-3
Weight %: 5 - 10
GHS Classification:
Repr. 1B: H360Fd: May damage fertility. May damage the unborn child

4. FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

GENERAL:

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

INHALATION:

Remove to fresh air, keep patient warm and at rest. Seek medical attention if symptoms persist.

EYES:

Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention if symptoms persist.

SKIN:

Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser. Seek medical attention if symptoms persist.

INGESTION:

Seek medical attention.

4.2. MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

May damage fertility. Suspected of damaging the unborn child. Seek medical attention for persisting symptoms.

OVERVIEW:

Toxic effects for reproduction. See section 2 for further details.

5. FIRE-FIGHTING MEASURES

5.1. EXTINGUISHING MEDIA

Recommended extinguishing media: CO2, extinguishing powder or water spray. Fight larger fires with water spray. Do NOT use water jet.

5.2. SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

Hazardous decomposition products may include: Hydrogen chloride, carbon monoxide and carbon dioxide. Do not breathe mist / vapors / spray.

5.3. ADVICE FOR FIRE-FIGHTERS

In the event of fire, wear full protective clothing and NIOSH Approved Self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode. Move container from fire area if it can be done without risk. Use water to keep fire exposed containers cool and disperse vapors.

ERG Guide No: ---

6. ACCIDENTAL RELEASE MEASURES

6.1. PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Wear protective equipment as listed in Section 8 during clean up operations.

6.2. ENVIRONMENTAL PRECAUTIONS

Do not allow spills to enter drains or waterways. Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

6.3. METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Ventilate the area and avoid breathing vapors. Take the personal protective measures listed in section 8.

Contain and absorb spillage with non-combustible materials e.g. sand, earth, vermiculite. Place in closed containers outside buildings and dispose of according to the Waste Regulations. (See section 13).

Clean, preferably with a detergent. Do not use solvents. Do not allow spills to enter drains or watercourses. If drains, sewers, streams or lakes are contaminated, inform the local water company immediately.

7. HANDLING AND STORAGE

7.1. PRECAUTIONS FOR SAFE HANDLING

Normal, good industrial hygiene practices. See section 2 for further details. - [Prevention]:

7.2. CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Handle containers carefully to prevent damage and spillage. Store in cool dry place. See section 2 for further details. - [Storage]: Incompatible materials: see section 10 for further details. see section 10 for further details.

7.3. SPECIFIC END USE(S)

No data available.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1. CONTROL PARAMETERS

EXPOSURE DATA

1,3-PENTANEDIOL, 2,2,4-TRIMETHYL-, 1,3-DIBENZOATE

CAS Number: 68052-23-3
OSHA: No Established Limit
ACGIH: No Established Limit
NIOSH: No Established Limit
Supplier: No Established Limit

8.2. EXPOSURE CONTROLS

See section 2 for further details. - [Prevention]:

No GHS prevention statements

RESPIRATORY

Wear NIOSH/MSHA approved respiratory protection if necessary, or use a respirator to supply air at positive pressure. Wear respiratory protection in accordance with local regulations.

EYES

Wear safety eyewear, e.g. safety spectacles, goggles or visors to protect against the splash of liquids.

SKIN

Avoid skin contact. May be harmful in contact with skin. Neoprene gloves are recommended.

ENGINEERING CONTROLS

Ensure access to showers, eyewash stations, and ventilation systems.

OTHER WORK PRACTICES

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. PROPERTIES

APPEARANCE:	Smooth thick liquid
ODOR:	Mild ester odor
ODOR THRESHOLD:	No information available
pH:	No information available
MELTING AND FREEZING POINTS:	No information available
INITIAL BOILING POINT AND BOILING RANGE:	>420°F #5mmhg
FLASH POINT:	>400°F C.O.C.
EVAPORATION RATE:	No information available
FLAMMABILITY:	No information available
LOWER EXPLOSIVE LIMIT:	No information available
UPPER EXPLOSIVE LIMIT:	No information available
VAPOR PRESSURE (Pa):	No information available
VAPOR DENSITY:	No information available
SPECIFIC GRAVITY:	1.50 - 1.60
SOLUBILITY IN WATER:	No information available
PARTITION COEFFICIENT:	No information available
AUTO-IGNITION TEMPERATURE:	No information available
DECOMPOSITION TEMPERATURE:	No information available
VISCOSITY (cSt):	No information available
VOC%:	< 0.1 lbs/gallon
%VOLATILE:	<1.0

9.2 OTHER INFORMATION

No other relevant information.

10. STABILITY AND REACTIVITY

10.1. REACTIVITY

No data available

10.2. CHEMICAL STABILITY

Stable under normal circumstances

10.3. POSSIBILITY OF HAZARDOUS REACTIONS

None under normal circumstances

10.4. CONDITIONS TO AVOID

Temperature extremes, direct sunlight

10.5. INCOMPATIBLE MATERIALS

None

10.6. HAZARDOUS DECOMPOSITION PRODUCTS

None under normal circumstances.

11. TOXICOLOGICAL INFORMATION

INGREDIENT DATA

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

1,3-PENTANEDIOL, 2,2,4-TRIBETHYL-, 1,3-DIBENZOATE

CAS Number: 68052-23-3

Acute Toxicity:

Oral LD50 (mg/kg): No data available
Skin LD50 (mg/kg): No data available
Inhalation Vapor LC50 (mg/L/4hr): No data available
Inhalation Dust/Mist LC50 (mg/L/4hr): No data available
Inhalation Gas LC50 (ppm): No data available

Carcinogenicity:

OSHA - Select Carcinogen: no
NTP - Known: no; Suspected: no
IARC - Group 1: no; Group 2a: no; Group 2b: no; Group 3: no; Group 4: no

PRODUCT DATA

Acute toxicity, oral,	Category N/A; No applicable hazard description.
Acute toxicity, dermal,	Category N/A; No applicable hazard description.
Acute toxicity, inhalation,	Category N/A; No applicable hazard description.
Skin corrosion/irritation,	Category N/A; No applicable hazard description.
Serious eye damage/irritation,	Category N/A; No applicable hazard description.
Respiratory sensitization,	Category N/A: No applicable hazard description.
Skin sensitization,	Category N/A: No applicable hazard description.
Germ cell mutagenicity,	Category N/A: No applicable hazard description.
Carcinogenicity,	Category N/A: No applicable hazard description.
Reproductive toxicity,	Category 1B: May damage fertility. May damage the unborn child.
STOT – single exposure,	Category N/A: No applicable hazard description.
STOT – repeated exposure,	Category N/A: No applicable hazard description
Aspiration hazard,	Category N/A: No applicable hazard description.

12. ECOLOGICAL INFORMATION

12.1. TOXICITY

No additional information provided for this product. See Section 3 for chemical specific data.

AQUATIC ECOTOXICITY

1,3-PENTANEDIOL, 2,2,4-TRIMETHYL-, 1,3-DIBENZOATE

CAS Number: 68052-23-3
96 hr LC50 Fish (mg/L): Not Available
48 hr EC50 Crustacea (mg/L): Not Available
ErC50 Algae (mg/L): Not Available

12.2. PERSISTENCE AND DEGRADABILITY

No information available

12.3. BIOACCUMULATIVE POTENTIAL

No information available

12.4. MOBILITY IN SOIL

No information available

12.5. RESULTS OF PBT AND VPVB ASSESSMENT

This product contains no PBT/vPvB chemicals.

12.6. OTHER ADVERSE EFFECTS

No information available.

13. DISPOSAL CONSIDERATIONS

Observe all federal, state and local regulations when disposing of this substance. Do not reuse containers.

14. TRANSPORT INFORMATION

14.1. UN NUMBER

DOT (Domestic Surface Transportation): Not applicable.
IMO / IMDG (Ocean Transportation): Not applicable.
ICAO/IATA (Air Transportation): Not applicable.

14.2. UN PROPER SHIPPING NAME

DOT (Domestic Surface Transportation): Not regulated.
IMO / IMDG (Ocean Transportation): Not regulated.
ICAO/IATA (Air Transportation): Not regulated.

14.3. TRANSPORT HAZARD CLASS(ES)

DOT (Domestic Surface Transportation): Not applicable.
IMO / IMDG (Ocean Transportation): Not applicable.
ICAO/IATA (Air Transportation): Not applicable.

14.4. PACKING GROUP

DOT (Domestic Surface Transportation): Not applicable.
IMO / IMDG (Ocean Transportation): Not applicable.
ICAO/IATA (Air Transportation): Not applicable.

14.5. ENVIRONMENTAL HAZARDS

IMDG Marine Pollutant: No

14.6. SPECIAL PRECAUTIONS FOR USER

No further information.

15. REGULATORY INFORMATION

REGULATORY OVERVIEW

The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

TOXIC SUBSTANCE CONTROL ACT (TSCA)

All components of this material are either listed or exempt from listing on the TSCA Inventory.

WHMIS CLASSIFICATION

D/2/A

US EPA TIER II HAZARDS

Fire: No

Sudden Release of Pressure: No

Reactive: No

Immediate (Acute): Yes

Delayed (Chronic): Yes

EPCRA 311/312 HAZARDS

Reproductive toxicity

EPCRA 302 EXTREMELY HAZARDOUS

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

EPCRA 313 TOXIC CHEMICALS

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

PROPOSITION 65 - CARCINOGENS (>0.0%)

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

PROPOSITION 65 - DEVELOPMENTAL TOXINS (>0.0%)

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

PROPOSITION 65 - FEMALE REPRO TOXINS (>0.0%)

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

PROPOSITION 65 - MALE REPRO TOXINS (>0.0%)

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

PROPOSITION 65 – LABEL

This product contains no chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

NEW JERSEY RTK SUBSTANCES (>1%)

Chloroethylene, polymer.

Titanium dioxide.

PENNSYLVANIA RTK SUBSTANCES (>1%)

Titanium dioxide.

16. OTHER INFORMATION

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H360FD: May damage fertility. May damage the unborn child.

Date of first version: 12/15/2014
Revision date: 06/24/2025
Changes from previous versions:
Updated all sections and formatting.

International Coatings Co., Inc. believes to the best of its knowledge that the information provided herein, is factual and the recommendations made are accurate as of the date shown. However, no representation or warranty is made as to their completeness or accuracy.

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