



PU60-Clear

Polyester Urethane Clear

SAFETY DATA SHEET

SECTION 1. IDENTIFICATION

Product Name: POLYESTER URETHANE CLEAR

Product Code: PU60-Clear

Coatary LLC
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West Jordan, UT 84081

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SECTION 2. HAZARDS IDENTIFICATION

GLOBALLY HARMONIZED SYSTEM (GHS)



FLAMMABLE LIQUIDS CATEGORY: CATEGORY 3

CLASSIFICATION: HAZARDOUS

SKIN IRRITATION: CATEGORY 1

EYE IRRITATION: CATEGORY 2A

SKIN SENSITIZATION: CATEGORY 1
ACUTE AQUATIC TOXICITY: CATEGORY 2
CHRONIC AQUATIC TOXICITY: CATEGORY 2

CARCINOGENICITY: CATEGORY 2

GHS LABEL ELEMENTS

HAZARD PICTOGRAMS



SIGNAL WORD: WARNING!

HAZARD STATEMENTS

H226: FLAMMABLE LIQUID AND VAPOUR

H319: CAN CAUSE EYE AND SKIN IRRITATION

H317: MAY CAUSE ALLERGIC SKIN REACTION

H334: MAY CAUSE ALERGY OR ASTHMA SYMSPTOMS OR BREATHING DIFFICULTIES IF INHALED

H402: HARMFUL TO AQUATIC LIFE

H411: TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS

H351: SUSPECTED OF CAUSING CANCER

PRECAUTIONARY STATEMENTS:

PREVENTION

P101: IF MEDICAL ADVICE IS NEEDED, HAVE PRODUCT CONTAINER OR LABEL AT HAND

P102: KEEP OUT OF REACH OF CHILDREN

P202: DO NOT HANDLE UNTIL ALL SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD

P271: USE ONLY OUTDOORS OR IN WELL VENTILATED AREAS

P280: WEAR PROTECTIVE GLOVES/ PROTECTIVE CLOTHING/ EYE PROTECTION/ FACE PROTECTION

RESPONSE

P304+P340: IF INHALED: REMOVE VICTIM TO FRESH AIR AND KEEP AT REST IN A POISTION COMFORTABLE FOR BREATHING

P305+P351+P338: IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO SO. CONTINUE RINSING.

P308+P313: IF SKIN IRRITATION OR RASH OCCURS: GET MEDICAL ADVICE/ATTENTION

P337+P313: IF EYE IRRITATION PERSISTS: GET MEDICAL ADVICE/ATTENTION

P303+P361+P364: TAKE OFF CONTAMINATED CLOTHING AND WASH BEFORE REUSE

P391: COLLECT SPILLAGE

DISPOSAL

P501: DISPOSE OF CONTENTS/CONTAINER TO AN APPROVED WASTE DISPOSAL PLANT

OTHER HAZARDS

NO DATA AVAILABLE

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGRNEDIENTS

Wt. %

CAS Number

POLYESTER RESIN

60-90

PROPRIETARY

N-BUTYL ACETATE	0-10	123-86-4
1-CHLORO-4-(TRIFLUOROMETHYL)BENZENE	10-20	98-56-6
METHYL AMYL KETONE	0-10	110-43-0
SOLVENT NAPHTHA (PETROLEUM)	0-5	64742-95-6

SECTION 4. FIRST AID MEASURES

GENERAL: REMOVE PERSON FROM AFFECTED AREA AND MAKE COMFORTABLE. TREAT SYMPTOMATICALLY.

EYES: WASH OUT IMMEDIATELY WITH FRESH WATER. ENSURE COMPLETE IRRIGATION OF THE EYE BY KEEPING EYELIDS APART AND AWAY FROM THE EYE AND MOVING THE EYELIDS BY OCCASIONALLY LIFTING THE UPPER AND LOWER LIDS. SEEK MEDICAL ATTENTION WITHOUT DELAY; IF PAIN PERSISTS OR RECURS SEEK MEDICAL ATTENTION. REMOVAL OF CONTACT LENSES AFTER AN EYE INJURY SHOULD ONLY BE UNDERTAKEN BY SKILLED PERSONNEL.

SKIN: REMOVE PRODUCT AND FLUSH AFFECTED AREA WITH WATER FOR 15 MINUTES. IF IRRITATION PERSISTS GET MEDICAL ATTENTION.

INHALATION: MOVE TO FRESH AIR. GIVE ASSISTED RESPIRATION IF BREATHING HAS STOPPED OR IS LABORED (CALL A PHYSICIAN).

INGESTION: GIVE 3 – 4 GLASSES OF WATER OR MILK IF PERSON CONSCIOUS. DO NOT INDUCE VOMITING! OBTAIN MEDICAL CARE AND TREATMENT.

SECTION 5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: IN CASE OF FIRE USE: DRY CHEMICAL, FOAM.

SPECIAL FIRE FIGHTING PROCEDURES: WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING. WATER SPRAY IS USEFUL IN COOLING FIRE-EXPOSED VESSELS AND IN DISPERSING VAPORS.

UNUSUAL FIRE AND EXPLOSIVE HAZARDS: COMBUSTIBLE. SLIGHT FIRE HAZARD WHEN EXPOSED TO FLAME. MAY GENERATE TOXIC OR IRRITATING COMBUSTION PRODUCTS.

FIRE INCOMPATIBILITY: AVOID CONTAMINATION WITH OXIDISING AGENTS I.E. NITRATES, OXIDISING ACIDS, CHLORINE BLEACHES, POOL CHLORINE ETC AS IGNITION MAY RESULT.

SECTION 6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: SHUT OFF SOURCES OF IGNITION. COVER SPILLS WITH ABSORBENT. PLACE IN METAL CONTAINERS FOR RECOVERY OR DISPOSAL. PREVENT ENTRY INTO SEWERS, STORM DRAINS, AND WATERWAYS.

SECTION 7. HANDLING AND STORAGE

GENERAL: STORE IN COOL, WELL VENTILATED AREAS. KEEP AWAY FROM HEAT AND OPEN FLAMES. AVOID PROLONGED INHALATION OF HEATED VAPORS OR MISTS. AVOID PROLONGED SKIN CONTACT.

STORAGE: AVOID TEMPERATURE EXTREMES. STORE AWAY FROM EXCESSIVE HEAT, FROM SOURCES OF IGNITION AND FROM REACTIVE MATERIALS.

SECTION 8. EXPOSURE CONTROLS, PERSONAL PROTECTION

INGREDIENTS (CAS)	EXPOSURE LIMITS (ppm)	
	OSHA	
	TWA	STEL
64742-95-6	10 PPM	NOT AVAILABLE
110-43-0	50 PPM	NOT AVAILABLE
98-56-6	2.5mg/m	NOT AVAILABLE
123-86-4	150 PPM	NOT AVAILABLE

LEGEND: (M) MAX. EXPOSURE LIMIT; (S) OCCUPATIONAL EXP. LIMIT; (R) SUPPLIERS REC. LIMIT, (+) PERCUTANEOUS RISK

NOTE 1: VALUES MEANINGFUL ONLY WHEN HARDENED PRODUCT IS ABRADED, GROUND, ETC.
ENGINEERING CONTROLS: NO SPECIFIC CONTROLS NEEDED. GENERAL AND LOCAL EXHAUST RECOMMENDED.

RESPIRATORY PROTECTION: A NIOSH APPROVED RESPIRATOR FOR ORGANIC VAPORS IS RECOMMENDED.

PROTECTIVE GLOVES: CHEMICAL RESISTANT, IMPERVIOUS GLOVES COMPLYING WITH APPROVED STANDARDS SHOULD BE WORN AT ALL TIMES WHEN HANDLING CHEMICAL PRODUCTS.

EYE PROTECTION: SPLASH-PROOF GOGGLES OR CHEMICAL SAFETY GLASSES

OTHER PROTECTIVE EQUIPMENT: LONG SLEEVED SHIRTS AND TROUSERS. EMERGENCY SHOWERS AND EYE WASH STATIONS SHOULD BE READILY ACCESSIBLE.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: ND

VAPOR PRESSURE: ND

VAPOR DENSITY: ND (AIR = 1)

SOLUBILITY IN WATER: INSOLUBLE

COEFFICIENT of WATER/OIL DISTRIBUTION: ND

APPEARANCE AND ODOR: CLEAR LIQUID, MILD AROMATIC ODOR

% VOLATILES BY VOLUME: ND

DENSITY: 9.31

MELTING POINT: ND

EVAPORATION RATE: ND

pH: NA

ODOR THRESHOLD: ND

% SOLIDS BY WEIGHT: ND

SECTION 10. STABILITY AND REACTIVITY

STABILITY: STABLE;

CONDITIONS TO AVOID: HEAT, FLAMES AND SPARKS

INCOMPATIBILITY (MATERIAL TO AVOID): OXIDIZING AGENTS (PERCHLORATES, NITRATES), STRONG ACIDS, HYPOCHLORITES, PEROXIDES.

HAZARDOUS DECOMPOSITION PRODUCTS: NO DECOMPOSITION IF STORED AND APPLIED AS DIRECTED

HAZARDOUS POLYMERIZATION (REACTIVITY): WILL NOT OCCUR.

SECTION 11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

NOT CLASSIFIED BASED ON AVAILABLE INFORMATION

COMPONENTS:

NAPHTHA SOLVENT

DERMAL (RAT) LD50 >2500 mg/kg IRRITATION: EYE (RABBIT): 100mg – MILD

ORAL (RAT) LD50: 490 mg/kg IRRITATION: SKIN (RABBIT): 495 mg (OPEN)- MILD

n-BUTYL ACETATE

DERMAL (RABBIT) LD50: 17,600 mg/kg IRRITATION: EYE – MILD

ORAL (RAT) LD50: 14,130 mg/kg IRRITATION: SKIN – MODERATE

METHYL AMYL KETONE

DERMAL (RABBIT) LD50 12,600 mg/kg IRRITATION: EYE (RABBIT): MILD

ORAL (RAT) LD50: 1670 mg/kg IRRITATION: SKIN (RABBIT): MILD

1-CHLORO-4-(TRIFLUOROMETHYL)BENZENE

DERMAL (RAT) LD50: >2 mg/kg IRRITATION: EYE – MILD

ORAL (RAT) LD50: 11500 mg/kg IRRITATION: SKIN – MODERATE

SKIN CORROSION/IRRITATION

PROLONGED CONTACT MAY CAUSE SKIN IRRITATION WITH LOCAL REDNESS.

REPEATED CONTACT MAY CAUSE SKIN IRRITATION WITH LOCAL REDNESS.

SERIOUS EYE DAMAGE/EYE IRRITATION

MAY CAUSE SERIOUS EYE INJURY.

SENSITIZATION

FOR SIMILAR MATERIAL(S):

HAS CAUSED ALLERGIC SKIN REACTIONS IN HUMANS.

HAS DEMONSTRATED THE POTENTIAL FOR CONTACT ALLERGY IN MICE.

FOR RESPIRATORY SENSITIZATION:

NO RELEVANT DATA FOUND.

SPECIFIC TARGET ORGAN SYSTEMIC TOXICITY (SINGLE EXPOSURE)

EVALUATION OF AVAILABLE DATA SUGGESTS THIS MATERIAL IS NOT AN STOT-SE TOXICANT.

SPECIFIC TARGET ORGAN SYSTEMIC TOXICITY (REPEATED EXPOSURE) ONCE SENSITIZED, A SEVERE ALLERGIC REACTION

MAY OCCUR WHEN SUBSEQUENTLY EXPOSED TO VERY LOW LEVELS.

CARCINOGENIC DATA: NTP: NONE OSHA: NONE IARC: NONE

SECTION 12. ECOLOGICAL INFORMATION

TOXICITY

NAPHTHA

ACUTE TOXICITY TO FISH

MATERIAL IS MODERATELY TOXIC TO AQUATIC ORGANISMS ON AN ACUTE BASIS (LC50/EC50 BETWEEN 1 AND 10 mg/l IN THE MOST SENSITIVE SPECIES TESTED)

LC50, ONCORHYNCHUS MYKISS (RAINBOW TROUT), SEMI-STATIC TEST. 96 HR, .3 mg/l

ACUTE TOXICITY TO AQUATIC INVERTEBRATES

EC50, DAPHNIA MAGNA (WATER FLEA), STATIC TEST, 48 HR, 1.6 mg/l

ACUTE TOXICITY TO ALGAE/AQUATIC PLANTS

ErC50, SCENEDESMUS CAPRICORNUTUM (FRESH WATER ALGAE), STATIC TEST, 72 HR, GROWTH RATE INHIBITION .4mg/L

n-BUTYL ACETATE

ACUTE TOXICITY TO FISH

MATERIAL IS MODERATELY TOXIC TO AQUATIC ORGANISMS ON AN ACUTE BASIS (LC50/EC50 BETWEEN 1 AND 10 mg/l IN THE MOST SENSITIVE SPECIES TESTED)

LC50, ONCORHYNCHUS MYKISS (RAINBOW TROUT), SEMI-STATIC TEST. 96 HR, 17-19 mg/l

ACUTE TOXICITY TO AQUATIC INVERTEBRATES

EC50, DAPHNIA MAGNA (WATER FLEA), STATIC TEST, 48 HR, 959 mg/l

ACUTE TOXICITY TO ALGAE/AQUATIC PLANTS

ErC50, SCENEDESMUS CAPRICORNUTUM (FRESH WATER ALGAE), STATIC TEST, 72 HR, GROWTH RATE INHIBITION 674.7mg/L

METHYL AMYL KETONE

ACUTE TOXICITY TO FISH

MATERIAL IS MODERATELY TOXIC TO AQUATIC ORGANISMS ON AN ACUTE BASIS (LC50/EC50 BETWEEN 1 AND 10 mg/l IN THE MOST SENSITIVE SPECIES TESTED)

LC50, ONCORHYNCHUS MYKISS (RAINBOW TROUT), SEMI-STATIC TEST. 96 HR, 126-137 mg/l

ACUTE TOXICITY TO AQUATIC INVERTEBRATES

EC50, DAPHNIA MAGNA (WATER FLEA), STATIC TEST, 48 HR, NO DATA

ACUTE TOXICITY TO ALGAE/AQUATIC PLANTS

ErC50, SCENEDESMUS CAPRICORNUTUM (FRESH WATER ALGAE), STATIC TEST, 72 HR, GROWTH RATE INHIBITION, NO DATA

1-CHLORO-4-(TRIFLUOROMETHYL)BENZENE

ACUTE TOXICITY TO FISH

MATERIAL IS MODERATELY TOXIC TO AQUATIC ORGANISMS ON AN ACUTE BASIS (LC50/EC50 BETWEEN 1 AND 10 mg/l IN THE MOST SENSITIVE SPECIES TESTED)

LC50, ONCORHYNCHUS MYKISS (RAINBOW TROUT), SEMI-STATIC TEST. 96 HR, 3 mg/l

ACUTE TOXICITY TO AQUATIC INVERTEBRATES

EC50, DAPHNIA MAGNA (WATER FLEA), STATIC TEST, 48 HR, >100 mg/l

ACUTE TOXICITY TO ALGAE/AQUATIC PLANTS

ErC50, SCENEDESMUS CAPRICORNUTUM (FRESH WATER ALGAE), STATIC TEST, 72 HR, GROWTH RATE INHIBITION, >.41mg/l

PERSISTENCE AND DEGRADABILITY

BIODEGRADABILITY: NO DATA AVAILABLE.

BIODEGRADATION: NO DATA AVAILABLE

PHOTODEGRADATION : NO DATA AVAILABLE

MOBILITY IN SOIL: NO DATA AVAILABLE

SECTION 13. DISPOSAL INFORMATION

WASTE DISPOSAL METHODS: CONTAINERS MAY STILL PRESENT A CHEMICAL HAZARD/DANGER WHEN EMPTY. DO NOT ALLOW WASH WATER FROM CLEANING OR PROCESS EQUIPMENT TO ENTER DRAINS. IT MAY BE NECESSARY TO

COLLECT ALL WASH WATER FRO TREATMENT BEFORE DISPOSAL. CONSULT STATE LAND WASTE AUTHORITY FOR DISPOSAL.

SECTION 14. TRANSFORMATION INFORMATION

INTERNATION REGULATIONS

IATA-DGR

UN/ID No. : UN 1866

PROPER SHIPPING NAME : RESIN SOLUTION FLAMMABLE

CLASS : 3

PACKING GROUP : III

LABELS : FLAMMABLE LIQUIDS

IMDG-CODE

UN NUMBER : UN 1866

PROPER SHIPPING NAME : RESIN SOLUTION FLAMMABLE

CLASS : 3

PACKING GROUP : III

LABELS : 3

EmS CODE : F-E, S-E

MARINE POLLUTANT : YES

SPECIAL PROVISIONS: 223, 955 LIMITED QUANTITIES: 5L

DOMESTIC REGULATION

49 CFR

UN/ID/NA NUMBER : 1866

PROPER SHIPPING NAME : RESIN SOLUTION FLAMMABLE

CLASS : 3

PACKING GROUP : III

LABELS : FLAMMABLE LIQUID

SPECIAL PRECAUTIONS FOR USER : B1, B52, IB3, T2, TP1

MARINE POLLUTNAT : YES

Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet.

Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

SECTION 15. REGULATORY INFORMATION

EPCRA – EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW

TSCA (TOXIC SUBSTANCE CONTROL ACT): ALL COMPONENTS ARE LISTED IN THE TSCA CHEMICAL SUBSTANCE INVENTORY.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION and LIABILITY ACT): ND

SARA TITLE III

SECTION 312 HAZARD CLASS: FLAMMABLE (GASES, AEROSOLS, LIQUIDS OR SOLIDS), RESPIRATORY OR SKIN SENSITIZATION, SKIN CORROSION OR IRRITATION, SERIOUS EYE DAMAGE OR EYE IRRITATION

SECTION 313 LISTED INGREDIENTS: NONE ABOVE de Minimus LEVELS

CALIFORNIA PROPOSITION 65: THE BELOW LIST OF COMPOUNDS IS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM:

SECTION 16. ADDITIONAL INFORMATION

INITIAL ISSUE DATE: APRIL 4, 2023

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PREPARED BY: C.STOKES

HAZARD RATING

HMIS: HEALTH 2 FLAMMABILITY 2 REACTIVITY 3

LEGEND

ACGIH: AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS

OSHA: OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

STEL: SHORT TERM EXPOSURE LIMIT

TWA: TIME WEIGHTED AVERAGE

PEL: PERMISSIBLE EXPOSURE LIMIT

TLV: THRESHOLD LIMIT VALUE

NA: NOT APPLICABLE

NE: NOT ESTABLISHED

ND: NO DATA

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