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**QUALIPUR 372 Part A**

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<b>1</b>	<b>PRODUCT AND COMPANY IDENTIFICATION</b>
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**Product Identifier:** QUALIPUR 372 Part A  
**Revision Date:** 6/12/2018

**Supplier Details:** Advanced Polymer Technology  
P.O. Box 160, 109 Conica Lane  
Harmony, PA 16037

**Contact:** Senior Chemist  
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**Classification of Substance****GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):**

No GHS Classifications Indicated

**GHS Label Elements, Including Precautionary Statements****GHS Signal Word: NONE****GHS Hazard Pictograms:**

No GHS pictograms indicated for this product

**GHS Hazard Statements:**

No GHS hazards statements indicated

**GHS Precautionary Statements:**

No GHS precautionary statements indicated

**Hazards not Otherwise Classified (HNOC) or not Covered by GHS**

The product is not classified according to the Globally Harmonized System (GHS).  
The product is not classified according to the CLP regulation.

H226 Flammable liquid and vapour

H304 May be fatal if swallowed and enters airways

Chemical Ingredients		
CAS#	%	Chemical Name
7631-86-9	25-50%	Silica
770-35-4	<10%	2-Propanol, 1-phenoxy-
64742-95-6	<10%	Solvent naphtha, petroleum, light arom.
13463-67-7	<10%	Titanium dioxide
1317-61-9	<10%	Iron oxide (Fe <sub>3</sub> O <sub>4</sub> )
50-00-0	<0.1%	Formaldehyde
71-43-2	<0.01%	Benzene

**General information:** No special measures required.

**After inhalation:** Supply fresh air; consult doctor in case of complaints.

**After skin contact:**

Clean with water and soap.

If skin irritation continues, consult a doctor.

**After eye contact:**

Remove contact lenses if worn.

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

**After swallowing:**

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; call for medical help immediately.

**Most important symptoms and effects, both acute and delayed**

Gastric or intestinal disorders

Dizziness

Headache

**Hazards** No further relevant information available.

**Indication of any immediate medical attention and special treatment needed**

Treat skin and mucous membrane with antihistamine and corticoid preparations.

**Autoignition Temperature:** >500 °F / >260 °C

Suitable extinguishing agents:

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

For safety reasons unsuitable extinguishing agents: None.

5.2 Special hazards arising from the substance or mixture

In case of fire, the following can be released:

Carbon monoxide (CO)

Under certain fire conditions, traces of other toxic gases cannot be excluded.

Advice for firefighters

Protective equipment:

Wear self-contained respiratory protective device.

Wear fully protective suit.

Additional information Cool endangered receptacles with water fog or haze.

**Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation

**Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

**Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste

**Handling Precautions:**

Ensure good ventilation/exhaustion at the workplace.  
Prevent formation of aerosols.

**Storage Requirements:**

Information about fire - and explosion protection: No special measures required.

Requirements to be met by storerooms and receptacles:

Avoid storage near extreme heat, ignition sources or open flame.

Store in a cool location.

Information about storage in one common storage facility:

Store away from foodstuffs.

Do not store together with oxidizing and acidic materials.

Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.

Keep container tightly sealed.

**Engineering Controls:**

Ensure good ventilation/exhaustion at the workplace.  
Prevent formation of aerosols.  
Ensure compliance yo all relevant OSHA regulations.

**Personal Protective Equipment:**

General protective and hygienic measures:  
Keep away from foodstuffs, beverages and feed.  
Immediately remove all soiled and contaminated clothing  
Wash hands before breaks and at the end of work.  
Avoid contact with the eyes and skin.

## Respiratory protection:

Use suitable respiratory protective device in case of insufficient ventilation.  
Use suitable respiratory protective device when aerosol or mist is formed.

## Protection of hands:

## Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

## Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

## Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

For the permanent contact gloves made of the following materials are suitable:

Butyl rubber, BR  
Nitrile rubber, NBR  
Neoprene gloves

## Eye protection:

Safety glasses

Body protection: Protective work clothing

Limitation and supervision of exposure into the environment  
No further relevant information available.

## Risk management measures

No further relevant information available.

**Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**DNELs** No further relevant information available.

**PNECs** No further relevant information available.

**Appearance:**

Pigmented Liquid

**Physical State:**

Liquid

**Volatile organic compound:**

33 g/L

**Autoignition Temperature:**

>500 °F / >260 °C

10	<b>STABILITY AND REACTIVITY</b>
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**Chemical Stability:** No decomposition if used and stored according to specifications.

**Conditions to Avoidentification:** Store away from oxidizing agents.  
Keep away from heat and direct sunlight.

**Materials to Avoidentification:** Reacts with strong acids and alkali.

**Hazardous Decomposition:** Hydrocarbons  
Carbon monoxide and carbon dioxide  
Toxic metal oxide smoke

**Hazardous Polymerization:** Will not occur.

11	<b>TOXICOLOGICAL INFORMATION</b>
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**LD/LC50 values relevant for classification:**  
**64742-95-6 Solvent naphtha (petroleum), light arom.**

Oral LD50 >6800 mg/kg (rat)  
Dermal LD50 >3400 mg/kg (rab)  
Inhalative LC50/4 h >10,2 mg/l (rat)

**Primary irritant effect:**  
**on the skin:** Slight irritant effect on skin and mucous membranes.  
**on the eye:** Slight irritant effect on eyes.

**Sensitization:** No sensitizing effects known.

**Additional toxicological information:**

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:  
Harmful

12	<b>ECOLOGICAL INFORMATION</b>
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**Aquatic toxicity:** No further relevant information available.

**Persistence and degradability** The product is partially biodegradable. Significant residuals remain.

**Bioaccumulative potential** No further relevant information available.

**Mobility in soil** No further relevant information available.

**Ecotoxicological effects:**

**Remark:** Due to mechanical actions of the product (e.g. agglutinations) damages may occur.

**Additional ecological information:**

**General notes:**

This statement was deduced from products with a similar structure or composition.

The product contains heavy metals. Avoid transfer into the environment. Specific preliminary treatments are necessary  
Due to available data on eliminability/decomposition and bioaccumulation potential prolonged term damage of the environment can not be excluded.

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

**Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** Not applicable.

**Other adverse effects** No further relevant information available.

<b>13</b>	<b>DISPOSAL CONSIDERATIONS</b>
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Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Can be burned with household garbage after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.

Can be disposed of with household garbage after solidification following consultation with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

<b>14</b>	<b>TRANSPORT INFORMATION</b>
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<b>UN-Number DOT, ADR, ADN, IMDG, IATA</b>	N/A
<b>UN proper shipping name DOT, ADR, ADN, IMDG, IATA</b>	<b>Polyester Resin Based Coating</b>
<b>Transport hazard class(es) DOT, ADR, ADN, IMDG, IATA Class</b>	N/A
<b>Packing group DOT, ADR, IMDG, IATA</b>	N/A
<b>Marine pollutant</b>	No
<b>Special precautions for user</b>	Not applicable.
<b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.
<b>UN "Model Regulation"</b>	---

Component (CAS#) [%] - CODES

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Silica (7631-86-9) [25-50%] MASS, NJHS, PA, TSCA

2-Propanol, 1-phenoxy- (770-35-4) [<10%] TSCA

Solvent naphtha, petroleum, light arom. (64742-95-6) [<10%] TSCA

Titanium dioxide (13463-67-7) [<10%] MASS, OSHAWAC, PA, TSCA, TXAIR

Iron oxide (Fe3O4) (1317-61-9) [<10%] TSCA

Formaldehyde (50-00-0) [<0.1%] CERCLA, CSWHS, EHS302, EPCRAWPC, GADSL, HAP, MASS, NJEHS, NJHS, NRC, OSHAHTS, OSHAPSM, PA, PROP65, SARA313, TOXICRCRA, TSCA, TXAIR, TXHWL

Benzene (71-43-2) [<0.01%] CERCLA, CSWHS, EPCRAWPC, GADSL, HAP, HWCRCRA, MASS, NJHS, NRC, OSHAHTS, OSHAWAC, PA, PRIPOL, PROP65, SARA313, TOXICPOL, TOXICRCRA, TSCA, TXAIR, TXHWL



## WARNING

This product can expose you to chemicals including Formaldehyde (gas), which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

This product can expose you to chemicals including Benzene, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

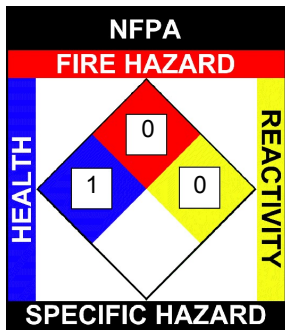
### Regulatory CODE Descriptions

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MASS = MA Massachusetts Hazardous Substances List  
NJHS = NJ Right-to-Know Hazardous Substances  
PA = PA Right-To-Know List of Hazardous Substances  
TSCA = Toxic Substances Control Act  
OSHAWAC = OSHA Workplace Air Contaminants  
TXAIR = TX Air Contaminants with Health Effects Screening Level  
CERCLA = Superfund Cleanup Substances  
CSWHS = Clean Water Act Hazardous Substances  
EHS302 = Extremely Hazardous Substance  
EPCRAWPC = EPCRA Water Priority Chemicals  
GADSL = Global Automotive Declarable Substance List (GADSL)  
HAP = Hazardous Air Pollutants  
NJEHS = NJ Extraordinarily Hazardous Substances  
NRC = Nationally Recognized Carcinogens  
OSHAHTS = OSHA Hazardous and Toxic Substances  
OSHAPSM = OSHA Chemicals Requiring Process Safety Management  
PROP65 = CA Prop 65  
SARA313 = SARA 313 Title III Toxic Chemicals  
TOXICRCRA = RCRA Toxic Hazardous Wastes (U-List)  
TXHWL = TX Hazardous Waste List  
HWCRCRA = RCRA Hazardous Wastes  
PRIPOL = Clean Water Act Priority Pollutants  
TOXICPOL = Clean Water Act Toxic Pollutants



**NFPA:** Health = 1, Fire = 0, Reactivity = 0, Specific Hazard = n/a

**HMIS III:** Health = 1, Fire = 0, Physical Hazard = 0



HMIS	
HEALTH	<input type="checkbox"/> 1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	<input type="checkbox"/>

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

#### Relevant phrases

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

R10 Flammable.

R65 Harmful: may cause lung damage if swallowed.

Revision Date: 6/12/2018