ACRYLIC DEEP PATCH

1 PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: ACRYLIC DEEP PATCH
Revision Date: 6/13/2018

Supplier Details: Advanced Polymer Technology
109 Conica Lane, Evans City, PA 16033

Contact: Senior Chemist
Phone: 724-452-1330
Fax: 724-452-1703
Email: info@advpolytech.com
Internet: www.advpolytech.com

Transportation emergency phone number: ChemTel Inc. (800)255-3924, +1 (813)248-0585

2 HAZARDS IDENTIFICATION

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

Classification according to Regulation (EC) No 1272/2008
The product is not classified according to the CLP regulation.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Ingredients:

CAS#	%	Chemical Name:
25852-37-3	50-100%	2-Propenoic acid, 2-methyl-, methyl ester, polymer with butyl 2-propenoate
7664-41-7	<0.2%	Ammonia

4 FIRST AID MEASURES

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

Hazards No further relevant information available.

Indication of any immediate medical attention and special treatment needed
Contains ethylene glycol.

5 FIRE FIGHTING MEASURES

Suitable extinguishing agents:
Alcohol resistant foam
Foam
Fire-extinguishing powder
Gaseous extinguishing agents
Carbon dioxide
Water spray

For safety reasons unsuitable extinguishing agents: Water with full jet

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.
No further relevant information available.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures
Wear protective clothing.
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).
Send for recovery or disposal in suitable receptacles.

7 HANDLING AND STORAGE

Handling Precautions:

Ensure good ventilation/exhaustion at the workplace.

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

Storage Requirements:

Requirements to be met by storerooms and receptacles:
Store in a cool location.
Avoid storage near extreme heat, ignition sources or open flame.

Information about storage in one common storage facility:
Store away from oxidizing agents.
Store away from foodstuffs.

Further information about storage conditions:
Store in cool, dry conditions in well

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Educate and train employees in safe use of this product. Follow all label instruction. Local exhaust should be used to maintain levels below the TLV henever this product is processed, heated or spray applied. For spray applications, an air-supplied respirator must be worn. All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94).

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.

Respiratory protection: Not required under normal conditions of use.

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: Rubber 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:
1333-86-4 carbon black (non-respirable with <0.1% PAH content)
PEL (USA) 3,5 mg/m³
REL (USA) 3,5* mg/m³ / *0,1 in presence of PAHs;See Pocket Guide Apps.A+C
TLV (USA) 3* mg/m³ / *inhalable fraction
EL (Canada) 3 mg/m³ / IARC 2B
EV (Canada) 3,5 mg/m³

107-21-1 ethanediol
IOELV (EU) Short-term value: 104 mg/m³, 40 ppm / Long-term value: 52 mg/m³, 20 ppm / Skin
TLV (USA) Short-term value: C 100 mg/m³ / H
EL (Canada) Short-term value: C 100* 20** mg/m³, C 50*** ppm / Long-term value: 10** mg/m³
*Aerosol; **Particulate; ***Vapour

DNELs No further relevant information available.
PNECs No further relevant information available.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Black viscous liquid		
Physical State:	Liquid	**Volatile organic compound:**	32 g/L
Specific Gravity or Density:	1,26 g/cm³		
Boiling Point:	212 °F / 100 °C		

10 STABILITY AND REACTIVITY

Chemical Stability:	No decomposition if used and stored according to specifications.
Conditions to Avoldentification:	Store away from oxidizing agents.
Materials to Avoldentification:	Reacts with oxidizing agents. Reacts with alkali, amines and strong acids.
Hazardous Decomposition:	Poisonous gases/vapours Carbon monoxide and carbon dioxide
Hazardous Polymerization:	Will not occur.

11 TOXICOLOGICAL INFORMATION

Acute toxicity:
Primary irritant effect:
on the skin: No irritant effect.
on the eye: Slight irritant effect on eyes.

Sensitization: Sensitizing effect by skin contact is possible by prolonged exposure.

Additional toxicological information:
The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.
When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

12 ECOLOGICAL INFORMATION

Aquatic toxicity: No further relevant information available.

Persistence and degradability The product is biodegradable after prolonged adaptation.

Bioaccumulative potential No further relevant information available.

Mobility in soil No further relevant information available.

Ecotoxical 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.
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.

13 DISPOSAL CONSIDERATIONS

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 with prior chemical-physical or biological treatment following consultation with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.

14 TRANSPORT INFORMATION

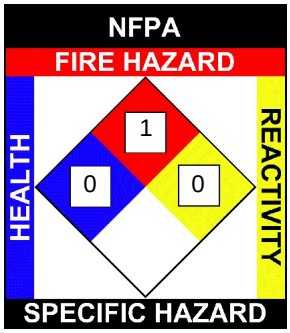
UN-Number DOT, ADR, ADN, IMDG, IATA	N/A
UN proper shipping name DOT, ADR, ADN, IMDG, IATA	N/A
Transport hazard class(es) DOT, ADR, ADN, IMDG, IATA Class	N/A
Packing group DOT, ADR, IMDG, IATA	N/A
Marine pollutant	No
Special precautions for user	Not applicable.
Transport in bulk according to Annex II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

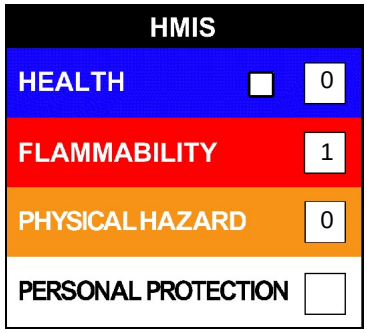
15 REGULATORY INFORMATION

```
Component (CAS#) [%] - CODES
-------------------------------------------------------------
2-Propenoic acid, 2-methyl-, methyl ester, polymer with butyl 2-propenoate (25852-37-3) [50-100%] TSCA

RQ(100LBS), Ammonia (7664-41-7) [<0.2%] CERCLA, CSWHS, EHS302, EPCRAWPC, MASS, NJEHS, NJHS, OSHAPSM,
OSHAWAC, PA, SARA313, TSCA, TXAIR


Regulatory CODE Descriptions
-------------------------------------------------------------
RQ = Reportable Quantity
TSCA = Toxic Substances Control Act
CERCLA = Superfund Cleanup Substances
CSWHS = Clean Water Act Hazardous Substances
EHS302 = Extremely Hazardous Substance
EPCRAWPC = EPCRA Water Priority Chemicals
MASS = MA Massachusetts Hazardous Substances List
NJEHS = NJ Extraordinarily Hazardous Substances
NJHS = NJ Right-to-Know Hazardous Substances
OSHAPSM = OSHA Chemicals Requiring Process Safety Management
OSHAWAC = OSHA Workplace Air Contaminants
PA = PA Right-To-Know List of Hazardous Substances
SARA313 = SARA 313 Title III Toxic Chemicals
TXAIR = TX Air Contaminants with Health Effects Screening Level
```

16	OTHER INFORMATION

NFPA: Health = 0, Fire = 1, Reactivity = 0, Specific Hazard = n/a
HMIS III: Health = 0, Fire = 1, Physical Hazard = 0





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.

Revision Date: 6/13/2018