

# SAFETY DATA SHEET

---

## SECTION 1) CHEMICAL PRODUCT AND MANUFACTURER'S IDENTIFICATION

---

**Product ID:** QUA01325  
**Product Name:** Q80 Low VOC Adhesive  
**Revision Date:** May 24, 2018 **Date Printed:** May 24, 2018  
**Version:** 2.0 **Supersedes Date:** Mar 22, 2017  
**Manufacturer's Name:** QUALITY AEROSOLS  
**Address:** 313 Bell Park Drive Woodstock, Georgia 30188  
**Emergency Phone:** CHEMTREC US : 1-800-424-9300, INTERNATIONAL CALLS : 1-703-527-3887  
**Information Phone Number:** 1-877-320-4747  
**Fax:**  
**Product/Recommended Uses:** Web Spray Adhesive

---

## SECTION 2) HAZARDS IDENTIFICATION

---

### Classification

Acute aquatic toxicity - Category 2  
Acute toxicity Dermal - Category 5  
Acute toxicity Oral - Category 5  
Aerosols Category 1  
Aspiration Hazard - Category 1  
Chronic aquatic toxicity - Category 2  
Eye Irritation - Category 2A  
Skin Irritation - Category 2  
Specific Target Organ Toxicity -Single Exposure (Narcotic Effects) - Category 3

### Pictograms



### Signal Word

Danger

### Hazardous Statements - Physical

H222 - Extremely flammable aerosol  
H229 - Pressurised container: May burst if heated

### Hazardous Statements - Health

H313 - May be harmful in contact with skin  
H303 - May be harmful if swallowed  
H304 - May be fatal if swallowed and enters airways  
H319 - Causes serious eye irritation

H315 - Causes skin irritation

H336 - May cause drowsiness or dizziness

### **Hazardous Statements - Environmental**

H401 - Toxic to aquatic life

H411 - Toxic to aquatic life with long lasting effects

### **Precautionary Statements - General**

P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

P103 - Read label before use.

### **Precautionary Statements - Prevention**

P273 - Avoid release to the environment.

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P211 - Do not spray on an open flame or other ignition source.

P251 - Do not pierce or burn, even after use.

P264 - Wash thoroughly after handling.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.

P271 - Use only outdoors or in a well-ventilated area.

P233 - Keep container tightly closed.

### **Precautionary Statements - Response**

P312 - Call a POISON CENTER/doctor if you feel unwell.

P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor.

P331 - Do NOT induce vomiting.

P391 - Collect spillage.

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 - If eye irritation persists: Get medical advice/attention.

P302 + P352 - IF ON SKIN: Wash with plenty of water.

P321 - For specific treatment see section 4.

P332 + P313 - If skin irritation occurs: Get medical advice/attention.

P362 + P364 - Take off contaminated clothing. And wash it before reuse.

P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

### **Precautionary Statements - Storage**

P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

P405 - Store locked up.

P403 + P405 - Store in a well-ventilated place. Store locked up.

### **Precautionary Statements - Disposal**

P501 - Dispose of contents/container to disposal recycling center. Under RCRA it is the responsibility of the user of the product to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state and local laws.

### **Hazards Not Otherwise Classified (HNOC)**

None.

**Acute toxicity of 5.07% of the mixture is unknown**

## SECTION 3) COMPOSITION/INFORMATION ON INGREDIENTS

---

CAS	Chemical Name	% By Weight
0000079-20-9	METHYL ACETATE	27% - 45%
0000074-98-6	PROPANE	7% - 15%
0000115-10-6	METHYL ETHER	7% - 15%
0025038-32-8	Isoprene-Styrene Polymer	7% - 14%
0000110-82-7	CYCLOHEXANE	6% - 14%
NA-ERAEnviro	Non Hazardous Solid	3% - 6%
0008050-26-8	Resin glycerine ester	3% - 6%
0003710-84-7	DIETHYL HYDROXYLAMINE	0.0% - 0.6%
0064742-53-6	Petroleum Base Oil B	Trace

Specific chemical identity and/or exact percentage (concentration) of the composition has been withheld to protect confidentiality.

---

## SECTION 4) FIRST-AID MEASURES

---

### Inhalation

Remove source of exposure or move person to fresh air and keep comfortable for breathing.

If exposed/If you feel unwell/If concerned: Call a POISON CENTER/doctor.

Eliminate all ignition sources if safe to do so.

### Skin Contact

Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Wash with plenty of lukewarm, gently flowing water for a duration of 15-20 minutes. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before re-use.

IF exposed or concerned: Get medical advice/attention.

### Eye Contact

Remove source of exposure or move person to fresh air. Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing for a duration of 15-20 minutes. Take care not to rinse contaminated water into the unaffected eye or onto the face. If eye irritation persists: Get medical advice/attention.

### Ingestion

Immediately call a POISON CENTER/doctor. Do NOT induce vomiting. If vomiting occurs naturally, lie on your side, in the recovery position.

### Most Important Symptoms and Effects, Acute or Delayed

No data available.

### Immediate Medical Attention and Special Treatment, if necessary

No data available.

---

## SECTION 5) FIRE-FIGHTING MEASURES

---

### Suitable Extinguishing Media

Dry chemical, foam, carbon dioxide. Water spray may be useful in minimizing or dispersing vapors and to protect personnel. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces. Simultaneous use of foam and water on the same surface is to be avoided as water destroys the foam. Sand or earth may be used for small fires only.

Do not direct a solid stream of water or foam into hot, burning pools this may result in frothing and increase fire intensity.

### Unsuitable Extinguishing Media

No data available.

### Specific Hazards in Case of Fire

Contents under pressure. Keep away from ignition sources and open flames. Exposure of containers to extreme heat and flames can cause them to rupture often with violent force. Product is highly flammable and forms explosive mixtures with air, oxygen, and all oxidizing agents. Vapors are heavier than air and may travel along surfaces to remote ignition sources and flash back.

During a fire, irritating and highly toxic gases may be generated during combustion or decomposition. High temperatures can cause

sealed containers to rupture due to a build up of internal pressures. Cool with water.

Empty Containers retain product residue which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld or use for any other purposes.

Container could potentially burst or be punctured upon mechanical impact, releasing flammable vapors.

### **Fire-Fighting Procedures**

Isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done safely. Move undamaged containers from immediate hazard area if it can be done safely. Water spray may be useful in minimizing or dispersing vapors and to protect personnel. Water may be ineffective but can be used to cool containers exposed to heat or flame. Caution should be exercised when using water or foam as frothing may occur, especially if sprayed into containers of hot, burning liquid.

Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

### **Special Protective Actions**

Wear protective pressure self-contained breathing apparatus (SCBA) and full turnout gear.

---

## **SECTION 6) ACCIDENTAL RELEASE MEASURES**

---

### **Emergency Procedure**

ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).

Do not touch or walk through spilled material.

Isolate hazard area and keep unnecessary people away. Remove all possible sources of ignition in the surrounding area. Notify authorities if any exposure to the general public or the environment occurs or is likely to occur.

If spilled material is cleaned up using a regulated solvent, the resulting waste mixture may be regulated.

### **Recommended Equipment**

Wear liquid tight chemical protective clothing in combination with positive pressure self-contained breathing apparatus (SCBA).

### **Personal Precautions**

Avoid breathing vapor. Avoid contact with skin, eye or clothing. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing.

### **Environmental Precautions**

Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems and natural waterways by using sand, earth, or other appropriate barriers.

### **Methods and Materials for Containment and Cleaning Up**

Absorb liquids in vermiculite, dry sand, earth, or similar inert material and deposit in sealed containers for disposal.

---

## **SECTION 7) HANDLING AND STORAGE**

---

### **General**

Wash hands after use.

Do not get in eyes, on skin or on clothing.

Do not breathe vapors or mists.

Use good personal hygiene practices.

Eating, drinking and smoking in work areas is prohibited.

Remove contaminated clothing and protective equipment before entering eating areas.

Eyewash stations and showers should be available in areas where this material is used and stored.

### **Ventilation Requirements**

Use only with adequate ventilation to control air contaminants to their exposure limits. The use of local ventilation is recommended to control emissions near the source.

### **Storage Room Requirements**

Do not cut, drill, grind, weld or perform similar operations on or near containers. Do not pressurize containers to empty them.

Store at temperatures below 120°F.

## SECTION 8) EXPOSURE CONTROLS/PERSONAL PROTECTION

### Eye Protection

Wear eye protection with side shields or goggles. Wear indirect-vent, impact and splash resistant goggles when working with liquids. If additional protection is needed for entire face, use in combination with a face shield.

### Skin Protection

Use of gloves approved to relevant standards made from the following materials may provide suitable chemical protection: PVC, neoprene or nitrile rubber gloves. Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, glove thickness, dexterity. Always seek advice from glove suppliers. Contaminated gloves should be replaced. Use of an apron and over-boots of chemically impervious materials such as neoprene or nitrile rubber is recommended to avoid skin sensitization. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Launder soiled clothes or properly disposed of contaminated material, which cannot be decontaminated.

### Respiratory Protection

If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker, a respiratory protection program that meets or is equivalent to OSHA 29 CFR 1910.134 and ANSI Z88.2 should be followed. Check with respiratory protective equipment suppliers.

### Appropriate Engineering Controls

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

Chemical Name	OSHA TWA (ppm)	OSHA TWA (mg/m3)	OSHA STEL (ppm)	OSHA STEL (mg/m3)	OSHA Tables (Z1, Z2, Z3)	OSHA Carcinogen	OSHA Skin designation	NIOSH TWA (ppm)	NIOSH TWA (mg/m3)	NIOSH STEL (ppm)	NIOSH STEL (mg/m3)	NIOSH Carcinogen
CYCLOHEXANE	300	1050			1			300	1050			
DIETHYL HYDROXYLAMINE												
METHYL ACETATE	200	610			1			200	610	250	760	
Petroleum Base Oil B	500	2000			1							
PROPANE	1000	1800			1			1000	1800			

Chemical Name	ACGIH TWA (ppm)	ACGIH TWA (mg/m3)	ACGIH STEL (ppm)	ACGIH STEL (mg/m3)
CYCLOHEXANE	100			
DIETHYL HYDROXYLAMINE	2			
METHYL ACETATE	200	606	250	757
Petroleum Base Oil B				
PROPANE	See Appendix F: Minimal Oxygen Content			

(C) - Ceiling limit

## SECTION 9) PHYSICAL AND CHEMICAL PROPERTIES

### Physical and Chemical Properties

VOC Actual(g/l)	302.95200 g/l
Density	6.81760 lb/gal
Density VOC	2.52818 lb/gal
% VOC	37.08320%

---

Appearance	Amber web spray
Odor Threshold	N.A.
Odor Description	Pungent solvent
pH	N.A.
Flammability	N/A
Water Solubility	N.A.
Flash Point Symbol	N.A.
Flash Point	N.A.
Viscosity	N.A.
Lower Explosion Level	N.A.
Upper Explosion Level	N.A.
Vapor Pressure	N.A.
Vapor Density	N.A.
Freezing Point	N.A.
Melting Point	N.A.
Low Boiling Point	N.A.
High Boiling Point	N.A.
Auto Ignition Temp	N.A.
Evaporation Rate	N.A.
VOC Composite Partial Pressure	N.A.

---

## SECTION 10) STABILITY AND REACTIVITY

---

### Stability

Stable under normal storage and handling conditions.

### Hazardous Reactions/Polymerization

Will not occur.

### Conditions to Avoid

Avoid heat, sparks, flame, high temperature and contact with incompatible materials.  
Dropping containers may cause bursting.

### Incompatible Materials

Avoid strong oxidizers, reducers, acids, and alkalis.

### Hazardous Decomposition Products

No data available.

## SECTION 11) TOXICOLOGICAL INFORMATION

---

### Likely Route of Exposure

Inhalation, ingestion, skin absorption.

### Skin Corrosion/Irritation

Prolonged or repeated contact with this product may dry and/or defat the skin. This product may be harmful if it is absorbed through the skin.

Causes skin irritation

### **Serious Eye Damage/Irritation**

Eye contact may lead to permanent damage if not treated promptly.

Liquid or vapors may irritate the eyes.

Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Eye contact may lead to permanent damage if not treated promptly.

Causes serious eye irritation

### **Respiratory/Skin Sensitization**

No Data Available

### **Germ Cell Mutagenicity**

No Data Available

### **Carcinogenicity**

No Data Available

### **Reproductive Toxicity**

No Data Available

### **Specific Target Organ Toxicity - Single Exposure**

May cause drowsiness or dizziness

### **Specific Target Organ Toxicity - Repeated Exposure**

Causes damage to organs through prolonged or repeated exposure.

No Data Available

### **Aspiration Hazard**

May be fatal if swallowed and enters airways

### **Acute Toxicity**

If inhaled, may cause dizziness, nausea, upper respiratory irritation, drowsiness, mental depression or narcosis, difficulty in breathing, irregular heart beats.

May be harmful in contact with skin

May be harmful if swallowed

0000110-82-7 CYCLOHEXANE

LD50 (oral, rat): 8-39 mL/kg (6200 to 30400 mg/kg) (3)

LD50 (oral, mouse): 1300 mg/kg (3)

LD50 (dermal, rabbit): Greater than 18000 mg/kg (4)

0000079-20-9 METHYL ACETATE

LC50 (rat): 16000-32000 ppm (4-hour exposure) (9)

LD50 (oral, rat): greater than 5000 mg/kg (4)

LD50 (oral, rabbit): 3700 mg/kg (cited as 50 millimols/kg) (10)

LD50 (skin, rabbit): greater than 5000 mg/kg (4)

0064742-53-6 Petroleum Base Oil B

LC50 (Rodent - rat , Inhalation) : 2180 mg/m3 (4 hours exposure) Toxic effects : Lungs, Thorax, or Respiration - structural or functional change in trachea or bronchi.

LD50 (Rodent - rat, Oral) : >5000 mg/kg, Toxic effects : Behavioral - somnolence (general depressed activity).

LD50 (Rodent - rabbit, Administration onto the skin) : >2000 mg/kg, Toxic effects : Skin and Appendages - primary irritation (after topical exposure)

---

## **SECTION 12) ECOLOGICAL INFORMATION**

---

### **Toxicity**

---

QUA01325

Toxic to aquatic life

Toxic to aquatic life with long lasting effects

**Persistence and Degradability**

No data available.

**Bio-accumulative Potential**

No data available.

**Mobility in Soil**

No data available.

**Other Adverse Effects**

No data available.

---

**SECTION 13) DISPOSAL CONSIDERATIONS**

---

**Waste Disposal**

Under RCRA it is the responsibility of the user of the product to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state and local laws.

Empty Containers retain product residue which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld or use for any other purposes. Return drums to reclamation centers for proper cleaning and reuse.

---

**SECTION 14) TRANSPORT INFORMATION**

---

**U.S. DOT Information**

Ground Transportation: (Continental United States, Canada & Mexico): Limited Quantity

**IMDG Information**

Shipping Name: Aerosols

UN/NA #: 1950

Hazard Class: 2.1

Required Placard: Limited Quantity

Marine Pollutant: No data available

**IATA Information**

We do NOT recommend this product to be shipped via air. It would need to be repacked by an authorized packing company and the DG would have to be completed by a licensed hazardous material shipping company.

---

**SECTION 15) REGULATORY INFORMATION**

---

CAS	Chemical Name	% By Weight	Regulation List
0000079-20-9	METHYL ACETATE	27% - 45%	DSL,SARA312,VOC_exempt,TSCA
0000074-98-6	PROPANE	7% - 15%	Canada_NPRI,DSL,SARA312,VOC,TSCA
0001115-10-6	METHYL ETHER	7% - 15%	Canada_NPRI,DSL,SARA312,VOC,TSCA
0025038-32-8	Isoprene-Styrene Polymer	7% - 14%	DSL,SARA312,TSCA



0000110-82-7	CYCLOHEXANE	6% - 14%	SARA313, Canada_NPRI,DSL,CERCLA,SARA312,VOC,TSCA,RCRA
NA-ERAEnviro	Non Hazardous Solid	3% - 6%	SARA312
0008050-26-8	Resin glycerine ester	3% - 6%	DSL,SARA312,TSCA
0003710-84-7	DIETHYL HYDROXYLAMINE	0.0% - 0.6%	DSL,SARA312,VOC,TSCA
0064742-53-6	Petroleum Base Oil B	Trace	DSL,SARA312,VOC,TSCA

---

## SECTION 16) OTHER INFORMATION

---

### Glossary

ACGIH- American Conference of Governmental Industrial Hygienists; ANSI- American National Standards Institute; Canadian TDG- Canadian Transportation of Dangerous Goods; CAS- Chemical Abstract Service; Chemtrec- Chemical Transportation Emergency Center (US); CHIP- Chemical Hazard Information and Packaging; DSL- Domestic Substances List; EC- Equivalent Concentration; EH40 (UK)- HSE Guidance Note EH40 Occupational Exposure Limits; EPCRA- Emergency Planning and Community Right-To-Know Act; ESL- Effects screening levels; HMIS- Hazardous Material Information Service; LC- Lethal Concentration; LD- Lethal Dose; N.A. - Not Available; NFPA- National Fire Protection Association; OEL- Occupational Exposure Limits; OSHA- Occupational Safety and Health Administration, US Department of Labor; PEL- Permissible Exposure Limit; SARA (Title III)- Superfund Amendments and Reauthorization Act; SARA 313- Superfund Amendments and Reauthorization Act, Section 313; SCBA- Self-Contained Breathing Apparatus; STEL- Short Term Exposure Limit; TCEQ- Texas Commission on Environmental Quality; TLV- Threshold Limit Value; TSCA- Toxic Substances Control Act Public Law 94-469; TWA- Time Weighted Value; US DOT- US Department of Transportation; WHMIS- Workplace Hazardous Materials Information System.

### Version 2.0:

Revision Date: May 24, 2018

---

## DISCLAIMER

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.