

# SAFETY DATA SHEET

GHS Revised 4-10-2015

## 1. Product and Company Identification

<b>Product name</b>	Quick Glaze Base Coat & Toners	
<b>Product code</b>	QG (Base Coat #)	
<b>Intended use</b>	Surface Spot Repair Coating	
	Multi-Tech Products Corp 41519 Cherry Street Murrieta, CA 92562	
<b>Telephone</b>	Product information	(951) 834-9066
	Medical emergency	(800) 218-2066
	Transportation emergency	(800) 424-9300 (CHEMTREC)
	International	(703) 741-5500 (CHEMTREC)

## 2. Hazards identification

This preparation is hazardous per the following GHS criteria

### GHS-Classification

Flammable liquids	Category 2
Skin corrosion/irritation	Category 2
Skin sensitization	Category 1
Carcinogenicity	Category 2
Toxicity for reproduction	Category 2
Target Organ Systemic Toxicant - Repeated exposure	Category 2

Endpoints which are "not classified", "cannot be classified" and "not applicable" are not shown

### GHS-Labeling



Hazard symbols

Signal word

Danger

Hazard statements

Highly flammable liquid and vapor.  
Causes skin irritation.  
May cause an allergic skin reaction.  
Suspected of causing cancer.  
Suspected of damaging fertility or the unborn child.  
May cause damage to organs through prolonged or repeated exposure.

Precautionary statements

Contaminated work clothing should not be allowed out of the workplace.  
Do not breathe dust/ fume/ gas/ mist/ vapors/ spray.  
Ground/bond container and receiving equipment.  
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
Keep container tightly closed.  
Obtain special instructions before use.  
Take precautionary measures against static discharge.  
Use explosion-proof electrical/ventilating/lighting equipment.  
Use only non-sparking tools.  
Wear protective gloves/protective clothing/eye protection/face protection.  
IF exposed or concerned: Get medical advice/ attention.  
IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.

# SAFETY DATA SHEET

GHS Revised 4-10-2015

IF ON SKIN: Wash with plenty of soap and water.

If skin irritation or rash occurs: Get medical advice/ attention.

Specific treatment (see supplemental first aid instructions on this label). Take off contaminated clothing and wash before reuse.

Store in a well-ventilated place. Keep cool. Store locked up.

## Other hazards which do not result in classification

May produce an allergic reaction.

## The following percentage of the mixture consists of ingredient(s) with unknown acute toxicity:

1.7 %

## 3. Composition/information on ingredients

Mixture of synthetic resins, pigments, and solvents

### Components

CAS-No.	Chemical Name	Concentration
1330-20-7	Xylene	15%
108-88-3	Toluene	10%
123-86-4	Butyl acetate	
8032-32-4	Vm&p naphtha	
100-41-4	Ethylbenzene	3.7%
64742-94-5	Aromatic hydrocarbon	
78-93-3	Methyl ethyl ketone	
91-20-3	Naphthalene	0.1%

Non-regulated ingredients 50 - 60%

OSHA Hazardous: Yes

## 4. First aid measures

### Eye contact

Remove contact lenses. Irrigate copiously with clean, fresh water for at least 15 minutes, holding the eyelids apart. Seek medical advice.

### Skin contact

Do NOT use solvents or thinners. Take off all contaminated clothing immediately. Wash skin thoroughly with soap and water or use recognized skin cleanser. If skin irritation persists, call a physician.

### Inhalation

Avoid inhalation of vapor or mist. Move to fresh air in case of accidental inhalation of vapors. If breathing is irregular or stopped, administer artificial respiration. If unconscious place in recovery position and seek medical advice. If symptoms persist, call a physician.

# SAFETY DATA SHEET

GHS Revised 4-10-2015

## Ingestion

If swallowed, seek medical advice immediately and show this container or label. Do NOT induce vomiting. Keep at rest.

## Most Important Symptoms/effects, acute and delayed

### Inhalation

May cause nose and throat irritation. May cause nervous system depression characterized by the following progressive steps: headache, dizziness, nausea, staggering gait, confusion, unconsciousness. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage. If this product is mixed with an isocyanate activator/hardener (see Hardener SDS for the activator), the following health effects may apply: Exposure to isocyanates may cause respiratory sensitization. This effect may be permanent. Symptoms include an asthma-like reaction with shortness of breath, wheezing, cough or permanent lung sensitization. This effect may be delayed for several hours after exposure. Repeated overexposure to isocyanates may cause a decrease in lung function, which may be permanent. Individuals with lung or breathing problems or prior reactions to isocyanates must not be exposed to vapors or spray mist of this product.

### Ingestion

May result in gastrointestinal distress.

### Skin or eye contact

May cause irritation or burning of the eyes. Repeated or prolonged liquid contact may cause skin irritation with discomfort and dermatitis. If this product is mixed with an isocyanate, skin contact may cause sensitization.

### Indication of Immediate medical attention and special treatment needed if necessary

No data available on the product. See section 3 and 11 for hazardous ingredients found in the product.

## 5. Firefighting measures

### Suitable extinguishing media

Universal aqueous film-forming foam, Carbon dioxide (CO<sub>2</sub>), Dry chemical

### Extinguishing media which shall not be used for safety reasons

High volume water jet

### Hazardous combustion products

CO, CO<sub>2</sub>, smoke, and oxides of any heavy metals that are reported in "Composition, Information on Ingredients" section.

### Fire and Explosion Hazards

Flammable liquid. Vapor/air mixture will burn when an ignition source is present.

### Special Protective Equipment and Fire Fighting Procedures

Full protective flameproof clothing should be worn as appropriate. Wear self contained breathing apparatus for firefighting if necessary. In the event of fire, cool tanks with water spray. Do not allow run-off from fire fighting to enter public sewer systems or public waterways.

## 6. Accidental release measures

### Procedures for cleaning up spills or leaks

Ventilate area. Remove sources of ignition. Prevent skin and eye contact and breathing of vapor. If the material contains, or is mixed with an isocyanate activator/hardener: Wear a positive-pressure, supplied-air respirator (NIOSH approved TC-19C), eye protection, gloves and protective clothing. Pour liquid decontamination solution over the spill and allow to sit at least 10 minutes. Typical decontamination solutions for isocyanate containing materials are: 20% Surfactant (Tergitol TMN 10) and 80% Water OR 0 -10% Ammonia, 2-5% Detergent and Water (balance) Pressure can be generated. Do not seal waste containers for 48 hours to allow CO<sub>2</sub> to vent. After 48 hours, material may be sealed and disposed of properly. If material does not contain or is not mixed with an isocyanate activator/hardener: Wear a properly fitted air-purifying respirator with organic vapor cartridges (NIOSH approved TC-23C), eye protection, gloves and protective clothing. Confine, remove with inert absorbent, and dispose of properly.

# SAFETY DATA SHEET

GHS Revised 4-10-2015

## Environmental precautions

Do not let product enter drains. Notify the respective authorities in accordance with local law in the case of contamination of rivers, lakes or waste water systems.

## 7. Handling and storage

### Precautions for safe handling

Observe label precautions. Keep away from heat, sparks, flame, static discharge and other sources of ignition. VAPORS MAY CAUSE FLASH FIRE. Close container after each use. Ground metal containers when pouring. Do not transfer contents to unlabeled containers. Wash thoroughly after handling and before eating or smoking. Do not store above 120 deg F. Do not flame cut, braze or weld dry coating without a NIOSH approved air purifying respirator with particulate filters or appropriate ventilation, and gloves. Dry coating should be wet sanded.

### Advice on protection against fire and explosion

Solvent vapors are heavier than air and may spread along floors. Vapors may form explosive mixtures with air and will burn when an ignition source is present. Always keep in containers of same material as the original one. Never use pressure to empty container: container is not a pressure vessel. The accumulation of contaminated rags may result in spontaneous combustion. Good housekeeping standards and regular safe removal of waste materials will minimize the risks of spontaneous combustion and other fire hazards.

### Storage

#### Requirements for storage areas and containers

Observe label precautions. Store in a dry, well ventilated place away from sources of heat, ignition and direct sunlight. No smoking. Prevent unauthorized access. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

#### Advice on common storage

Store separately from oxidizing agents and strongly alkaline and strongly acidic materials.

OSHA/NFPA Storage Classification: IB

## 8. Exposure controls/personal protection

### Engineering controls and work practices

Spot repair product: Provide adequate ventilation. This should be achieved by a good general extraction and -if practically feasible- by the use of a local exhaust ventilation. If these are not sufficient to maintain concentrations of particulates and solvent vapor below the OEL, suitable respiratory protection must be worn.

### National occupational exposure limits

CAS-No.	Chemical Name	Source	Time	Type	Value	Note
1330-20-7	Xylene	ACGIH	15 min	STEL	150 ppm	
			8 hr	TWA	100 ppm	
		OSHA	8 hr	TWA	100 ppm	
		Dupont	8 & 12 hour	TWA	100 ppm	
108-88-3	Toluene	ACGIH	8 hr	TWA	20 ppm	
		OSHA		CEIL	300 ppm	
			10 min	TWA	500 ppm	

# SAFETY DATA SHEET

GHS Revised 4-10-2015

CAS-No.	Chemical Name	Source	Time	Type	Value	Note
			8 hr	TWA	200 ppm	
			8 & 12 hour	TWA	50 ppm	Skin
123-86-4	Butyl acetate	ACGIH	15 min	STEL	200 ppm	
			8 hr	TWA	150 ppm	
		OSHA	8 hr	TWA	150 ppm	
8032-32-4	Vm&p naphtha	ACGIH	8 hr	TWA	300 ppm	
		t	8 hr	TWA	100 ppm	
100-41-4	Ethylbenzene	ACGIH	8 hr	TWA	20 ppm	
			8 hr	TWA	100 ppm	
		t	8 & 12 hour	TWA	25 ppm	
64742-94-5	Aromatic hydrocarbon	t	8 & 12 hour	TWA	100 ppm	
78-93-3	Methyl ethyl ketone	ACGIH	15 min	STEL	300 ppm	
			8 hr	TWA	200 ppm	
		OSHA	8 hr	TWA	200 ppm	
		t	15 min	TWA	300 ppm	
			8 & 12 hour	TWA	200 ppm	
91-20-3	Naphthalene	ACGIH		CEIL	15 ppm	Skin
			8 hr	TWA	10 ppm	Skin
		OSHA	8 hr	TWA	10 ppm	
		t	8 & 12 hour	TWA	0.1 ppm	

\*\* STEL = Short term exposure limit.

TWA = Time-weighted average.

CEIL = Ceiling.

## Protective equipment

Personal protective equipment should be worn to prevent contact with eyes, skin or clothing.

## Respiratory protection

Do not breathe vapors or mists. If this product is used with an isocyanate activator/hardener, wear a positive-pressure, supplied-air respirator (NIOSH approved TC-19C) while mixing activator/hardener with paint, during application and until all vapors and spray mist are exhausted. If product is used without isocyanate activator/hardener, a properly fitted air-purifying respirator with organic vapor cartridges (NIOSH TC-23C) and particulate filter (NIOSH TC-84A) may be used. Follow respirator manufacturer's directions for respirator use. Do not permit anyone without protection in the painting area. Refer to the hardener/activator label instructions and SDS for further information. Individuals with history of lung or breathing problems or prior reaction to isocyanates should not use or be exposed to this product if mixed with isocyanate activators/hardeners.

# SAFETY DATA SHEET

GHS Revised 4-10-2015

## Eye protection

Desirable in all industrial situations. Goggles are preferred to prevent eye irritation. If safety glasses are substituted, include splash guard or side shields.

## Skin and body protection

Neoprene gloves and coveralls are recommended.

## Hygiene measures

Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners.

## Environmental exposure controls

Do not let product enter drains. For ecological information, refer to Ecological Information Section 12.

## 9. Physical and chemical properties

### Appearance

Form: liquid    Color: Various    Odor: Characteristic Coating Odor

Flash point	19 °F	
Ignition temperature	232 °C	
Lower Explosive Limit	0.9 %	
Upper Explosive Limit	10.2 %	
Evaporation rate	Slower than Ether	
Vapor pressure of principal solvent	10.2 hPa	
Water solubility	moderate	
Vapor density of principal solvent (Air = 1)	3.7	
Approx. Boiling Range	109 °C	
Approx. Freezing Range	Not applicable.	
Gallon Weight (lbs/gal)	9.13	
Specific Gravity	1.09	
Percent Volatile By Volume	60.16%	
Percent Volatile By Weight	46.39%	
Percent Solids By Volume	39.84%	
Percent Solids By Weight	53.61%	
pH (waterborne systems only)	not applicable	
Partition coefficient: n-octanol/water	no data available	
Ignition temperature	232 °C	DIN 51794
Decomposition temperature		
Viscosity (23 °C)	Not applicable.	ISO 2431-1993
VOC* less exempt (lbs/gal)	4.0	
VOC* as packaged (lbs/gal)	4.0	

\* VOC less exempt (theoretical) and VOC as packaged (theoretical) are based upon the VOC of the packaged material at the point of manufacture.

## 10. Stability and reactivity

### Stability

Stable

### Conditions to avoid

Stable under recommended storage conditions.

### Materials to avoid

None reasonably foreseeable.

# SAFETY DATA SHEET

GHS Revised 4-10-2015

## Hazardous decomposition products

When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen.

## Hazardous Polymerization

Will not occur.

## Sensitivity to Static Discharge

Solvent vapors in air may explode if static grounding and bonding is not used during transfer of this product.

## Sensitivity to Mechanical Impact

None known.

## 11. Toxicological information

### Information on likely routes of exposure

#### Inhalation

May cause nose and throat irritation. May cause nervous system depression characterized by the following progressive steps: headache, dizziness, nausea, staggering gait, confusion, unconsciousness. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage. This product can function without a hardener, however, if this product is mixed with an isocyanate activator/hardener (see hardener SDS for the activator), the following health effects may apply: Exposure to isocyanates may cause respiratory sensitization. This effect may be permanent. Symptoms include an asthma-like reaction with shortness of breath, wheezing, cough or permanent lung sensitization. This effect may be delayed for several hours after exposure. Repeated overexposure to isocyanates may cause a decrease in lung function, which may be permanent. Individuals with lung or breathing problems or prior reactions to isocyanates must not be exposed to vapors or spray mist of this product when mixed with isocyanates.

#### Ingestion

May result in gastrointestinal distress.

#### Skin or eye contact

May cause irritation or burning of the eyes. Repeated or prolonged liquid contact may cause skin irritation with discomfort and dermatitis.

### Delayed and immediate effects and also chronic effects from short and long term exposure:

#### Acute oral toxicity

not hazardous

#### Acute dermal toxicity

not hazardous

#### Acute inhalation toxicity

not hazardous

% of unknown composition 1.7 %

### Skin corrosion/irritation

xylene	Category 2
toluene	Category 2
n-butyl acetate	Category 3
low boiling point naphtha (<0,1% benzene)	Category 2
ethylbenzene	Category 3
Solvent naphtha (petroleum), heavy arom.	Category 2
butanone	Category 3

# SAFETY DATA SHEET

GHS Revised 4-10-2015

## **Serious eye damage/eye irritation**

Not classified according to GHS criteria

## **Respiratory sensitisation**

Not classified according to GHS criteria

## **Skin sensitisation**

No data available.

## **Germ cell mutagenicity**

Not classified according to GHS criteria

## **Carcinogenicity**

Naphthalene Category 2

## **Toxicity for reproduction**

Toluene Category 2

## **Target Organ Systemic Toxicant - Single exposure**

Not classified according to GHS criteria

## **Target Organ Systemic Toxicant - Repeated exposure**

No data available.

## **Aspiration toxicity**

Not classified according to GHS criteria

## **Numerical measures of toxicity (acute toxicity estimation (ATE),etc. )**

No information available.

## **Symptoms related to the physical, chemical and toxicological characteristics**

Exposure to component solvents vapours concentration in excess of the stated occupational exposure limit may result in adverse health effect such as mucous membrane and respiratory system irritation and adverse effect on kidney, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness. Through skin resorbtion, solvents can cause some of the effects described here. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin. The liquid splashed in the eyes may cause irritation and reversible damage.

## **Whether the hazardous chemical is listed by NTP, IARC or OSHA**

Titanium dioxide	IARC 2B
ethylbenzene	IARC 2B
Naphthalene	IARC 2B
Naphthalene	NTP Anticipated

## **12. Ecological information**

There are no data available on the product itself. The product should not be allowed to enter drains or watercourses.

## **13. Disposal considerations**



# SAFETY DATA SHEET

GHS Revised 4-10-2015

## Waste Disposal Method

Do not allow material to contaminate ground water systems. Incinerate or otherwise dispose of waste material in accordance with Federal, State, Provincial, and local requirements. Do not incinerate in closed containers.

## 14. Transport information

### International transport regulations

#### IMDG (Sea transport)

UN number: 1263  
Proper shipping name:  
Paint Related Materials  
Hazard Class: 3  
Subsidiary Hazard Class: Not applicable.  
Packing group: II  
Marine Pollutant: no

#### ICAO/IATA (Air transport)

UN number: 1263  
Proper shipping name:  
Paint Related Materials  
Hazard Class: 3  
Subsidiary Hazard Class: Not applicable.  
Packing group: II

#### DOT

UN number: 1263  
Proper shipping name:  
Paint Related Materials  
Hazard Class: 3  
Subsidiary Hazard Class: Not applicable.  
Packing group: II  
Marine Pollutant: no  
EmS: F-E,S-E

### Matters needing attention for transportation

Confirm that there is no breakage, corrosion, or leakage from the container before shipping. Be sure to prevent damage to cargo by loading so as to avoid falling, dropping, or collapse. Ship in appropriate containers with denotation of the content in accordance with the relevant statutes and rules.

## 15. Regulatory information

### TSCA Status

In compliance with TSCA Inventory requirements for commercial purposes.

### DSL Status

All components of the mixture are listed on the DSL.

### Photochemical Reactivity

Photochemically reactive

### US. California Safe Drinking Water & Toxic Enforcement Act (Proposition 65)

Warning! This product contains a chemical known to the state of California to cause cancer, birth defects, or other reproductive harm.

# SAFETY DATA SHEET

GHS Revised 4-10-2015

## Regulatory information

CAS #	Ingredient	EPCRA					CERCLA RQ(lbs)	CAA HAP
		302	TPQ	RQ	311 - 312	313		
1330-20-7	Xylene	N	NR	NR	A,C,F	Y	100	Y
108-88-3	Toluene	N	NR	NR	A,C,F	Y	1,000	Y
123-86-4	Butyl acetate	N	NR	NR	A,C,F	N	NR	N
8032-32-4	Vm&p naphtha	N	NR	NR	A,C,F	N	NR	N
100-41-4	Ethylbenzene	N	NR	NR	A,C,F	Y	1,000	Y
64742-94-5	Aromatic hydrocarbon	N	NR	NR	A	N	NR	N
78-93-3	Methyl ethyl ketone	N	NR	NR	A,C,F	N	5,000	N
91-20-3	Naphthalene	N	NR	NR	A,C,F	Y	100	Y

### Key:

EPCRA	Emergency Planning and Community Right-to-know Act (aka Title III, SARA)
302	Extremely hazardous substances
311/312 Categories	F = Fire Hazard R = Reactivity Hazard P = Pressure Related Hazard
	A = Acute Hazard C = Chronic Hazard
313 Information	Section 313 Supplier Notification - The chemicals listed above with a 'Y' in the 313 column are subject to reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know act of 1986 and of 40 CFR 372.
CERCLA	Comprehensive Emergency Response, Compensation and Liability Act of 1980.
HAP	Listed as a Clean Air Act Hazardous Air Pollutant.
TPQ	Threshold Planning Quantity.
RQ	Reportable Quantity
NA	not available
NR	not regulated

## 16. Other information

HMIS rating H: 2 F: 3 R: 0

### Glossary of Terms:

ACGIH	American Conference of Governmental Industrial Hygienists.
IARC	International Agency for Research on Cancer.
NTP	National Toxicology Program.
OEL	Occupational Exposure Limit
OSHA	Occupational Safety and Health Administration.
STEL	Short term exposure limit.
TWA	Time-weighted average.
PNOR	Particles not otherwise regulated.
PNOC	Particles not otherwise classified.

NOTE: The list (above) of glossary terms may be modified.

The document reflects information provided by chemical suppliers. Persons receiving this information should make their own determination as to its suitability for their purposes prior to use. The information on this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.