

SAFETY DATA SHEET

Polymeric Engineered Solutions
PES 2500 BLACK - GAL KIT

Date Printed: 01/03/2017

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1. Product and Company Identification

Product Name: PES 2500 BLACK - GAL KIT
Product Code: 600D08-GLKIT
Recommended Use: Please refer to Product Information/Technical Data Sheet.

Company Identification: Polymeric Engineered Solutions
5401 Hwy 21 West
Bryan, TX 77803

Information Phone: 979-779-8700
Emergency Phone: ChemTel 800-255-3924

2. Hazards Identification

EMERGENCY OVERVIEW

WARNING

Chronic Toxicity (Carcinogenicity) Category 1

Potential Health Effects

Eye:

May cause mechanical irritation.

Skin:

May cause mechanical skin irritation

Not hazardous in normal industrial use.

Inhalation:

Not expected to cause effects from inhalation.

Chronic (Cancer) Information:

Contains CRYSTALLINE SILICA, which can be a health hazard. Respirable crystalline silica can cause the occupational lung disease silicosis (a scarring of the lungs), and IARC concluded in October 1996 that crystalline silica is

carcinogenic to humans. Silicosis_ increases the risk of tuberculosis, autoimmune and chronic kidney diseases, as well as

non-malignant respiratory disease (such as chronic bronchitis and emphysema).

IARC: A component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by IARC.

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ACGIH: A component of this product presents at levels greater than or equal to 0.1% is Identified as a carcinogen or potential carcinogen by ACGIH.

OSHA: No component of this product present at levels greater than or equal to **0.1% is identified as a carcinogen or** potential carcinogen by OSHA.

NTP: A component of this product present at levels greater than 0.1% is identified as a known or anticipated carcinogen by NTP.

Teratology (Birth Defects) Information:

INFORMATION NOT AVAILABLE.

Reproduction Information:

INFORMATION NOT AVAILABLE.

Aggravation of Pre-Existing Conditions:

INFORMATION NOT AVAILABLE.

3. Composition/Information on Ingredients

Component	CAS#	% by Wt.
NEPHELINE SYENITE	37244-96-5	26
OSHA: 5MG/M3 TWA (RESPIRABLE FRACTION)		
ACGIH: 10 MG/M3 TWA (INHALABLE FRACTION)		
MSHA 5 MG/M3 TWA (RESPIRABLE FRACTION)		
QUARTZ	14808-60-7	25
(RESPIRABLE DUST ONLY; THIS WOULD INCLUDE ONLY PARTICLES 10 MICROMETERS OR LESS: OSHA PEL: 0.1 MG/M3 ACGIH TLV: 0.1 MG/M3		
ALUMINUM OXIDE	1344-28-1	21
1-METHOXY 2-PROPANOL	107-98-2	1
ACGIH: 100 PPM TWA		
OSHA: 100 PPM TWA		
OSHA: 150 PPM CEILING		
TITANIUM DIOXIDE	13463-67-7	.813
ACGIH: 10 MG/M3 TWA - NUISANCE DUST		
OSHA: 10 MG/M3 TWA - NUISANCE DUST		

4. First Aid Measures

Eyes:

Any material that contacts the eye should be washed out immediately with water. Flush with water for at least 15

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minutes. If easy to do, remove contact lenses. Get medical attention if symptoms persist.

Skin:

Wash with soap and water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

Ingestion:

Do NOT induce vomiting. Drink 1 or 2 glasses of milk or water to dilute. Call attention immediately. Never give anything by mouth to an unconscious person.

Inhalation:

If symptomatic, move to fresh air. Get medical attention if symptoms persist.

Note to Physicians:

INFORMATION NOT AVAILABLE.

5. Fire Fighting Measures

Flammable Properties:

Flash Point: > 200 F

Method:

Explosive Limits:

Lower explosive limit: 6.0

Upper explosive limit: 13.8

Autoignition Temperature:

INFORMATION NOT AVAILABLE.

Hazardous Combustion Products:

INFORMATION NOT AVAILABLE.

Extinguishing Media:

Water based material will not burn until all water has boiled away. Residual solids and/or product container may support

combustion. Use water, foam, dry chemical or CO2.

Special Fire-Fighting Procedures: Wear self-contained breathing apparatus and protective clothing.

Unusual Fire and Explosion Hazards: High temperatures can cause sealed containers to rupture due to a build up of

6. Accidental Release Measures

Small Spill:

See Information for Large Spill, below:

Large Spill:

Use personal protective equipment. Ensure adequate ventilation.

Environmental Precautions:

Methods/Materials for Containment and Cleaning Up:

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Contain spillage, and then collect with non-combustible absorbent material, (e.g. diatomaceous earth, sand earth or vermiculite) and place in container for disposal according to local/state/federal regulations.

7. Handling and Storage

Store in a cool, dry, well ventilated area. Keep containers tightly closed.
EMPTY CONTAINER PRECAUTIONS: Attention! This container is hazardous when empty. Follow label warnings even after container is emptied since empty containers may retain product residues. Do not re-use empty container without professional cleaning for food, clothing or products. for human or animal consumption or where skin contact can occur.

Storage:

Prevent unauthorized access.
Store in a well ventilated place.
Keep container tightly closed.
Keep cool.

8. Exposure Controls/Personal Protection

Airborne Exposure Limits:

SEE SECTION 3 FOR THIS INFORMATION

Engineering Controls:

Ventilation: Good general ventilation (typically 10 air changes per hour) should be used.

Ventilation rates should be matched to conditions.

Ventilation should be explosion proof.

Supplementary local exhaust ventilation, closed systems or respiratory protection may be needed in special circumstances such as poorly ventilated spaces spray painting, mechanical generation of dusts, heating, drying, etc.

Personal Protective Equipment

Respiratory Protection:

If engineering controls do not maintain airborne concentrations to an acceptable level, an approved respirator must be worn. In the United States of America, if respirators are used, a program should be instituted to assure compliance with OSHA Standard 63 CFR 1152, January 8, 1998. Respirator type: Organic Vapor.

Skin Protection:

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Wear impervious gloves to prevent skin contact.

Recommended decontamination Facilities: eyebath, washing facilities, safety shower.

Eye Protection:

Chemical safety goggles or glasses with side shields.

9. Physical and Chemical Properties

Boiling Point: 212 F

Freezing Point: 32 F

Vapor Pressure:

NO INFORMATION AVAILABLE

Vapor Density:

HEAVIER THAN AIR

Solubility in Water:

SOLUBLE

Evaporation Rate: SLOWER THAN ETHER

Specific Gravity: 2.002

pH Range: 8-10

Coating VOC: 0.25 lb. /gal

Material VOC: 0.25 lb. /gal

Odor:

Mild acrylic odor.

Appearance:

Liquid.

Partition Coefficient:

>M•T'ION NOT A""TT•PT""

10. Stability and Reactivity

Chemical Stability (Conditions to Avoid):

Stable under normal storage/use conditions.

Incompatibility:

Avoid strong oxidizing agents, acids and alkalies.

Hazardous Decomposition Products:

Smoke, soot and carbon dioxide, carbon monoxide.

Hazardous Polymerization:

Will not occur under normal conditions.

11. Toxicological Information

Eye Irritation/Damage:

Component 37244-96-5:

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Mechanical eye irritation only

Skin Irritation/Damage:

Component 37244-96-5:

LD50: No data

Acute Oral Toxicity:

Component 13463-67-7:

LD50: 10,000 mg/kg, rat. Category 5

Component 14808-60-7:

LD50: >5000 mg/kg, rat. Category 5

Component 37244-96-5:

LD50: no data

Component 107-98-2:

LD50: 7200 mg/kg, rat. Category 5

Acute Inhalation Toxicity:

INFORMATION NOT AVAILABLE.

Respiratory/Skin Sensitization:

Component 37244-96-5:

No evidence of respiratory or skin sensitization.

Carcinogenicity:

Component 13463-67-7:

Listed by IARC as a group 2B carcinogen (possibly carcinogenic to humans). GHS Category 2.

Component 14808-60-7:

Listed by IARC as a group 1 carcinogen (carcinogenic to humans), and as a known carcinogen by NTP. GHS Category 1A.

Component 37244-96-5:

Not listed as a carcinogen by IARC, NTP, OSHA or ACGIH

Reproductive Toxicity:

Component 37244-96-5:

No evidence of human reproductive toxicity.

Germ Cell Mutagenicity:

Component 37244-96-5:

No data

Aspiration Toxicity:

Component 37244-96-5:

Not classified as an Aspiration Hazard.

Component 107-98-2:

Not classified as an Aspiration Hazard.

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STOT single exposure:
Component 37244-96-5:
No data
Component 107-98-2:
No data

STOT-repeated exposure:
Component 37244 96 5:
NO data
Component 107-98-2:
No data

Routes of Exposure:
Inhalation of vapors, skin/eye/mucous membrane absorption, ingestion.

INFORMATION NOT AVAILABLE.

12. Ecological Information

Environmental Toxicity:
Component 37244-96-5:
No data

Persistence & degradability:
Component 37244-96-5:
No data

Bioaccumulative Potential:
Component 37244-96-5:
No data

Mobility in soil:
Component 37244-96-5
No data

Other Adverse Ecological Effects:
No information

Component 37244-96-5:
Not expected to present an environmental hazard.

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13. Disposal Considerations

Waste Disposal Method:

Discharge, treatment or disposal is subject to national, state, or local laws. The toxicity characteristic (TC) has not

been evaluated by the Toxicity Characteristic Leaching Procedure (TCLP).

Federal Regulations may apply to empty container. State and/or local regulations may be different.

Of the methods of disposal currently available, it is recommended that an alternative be selected according to the

following order of preference, based upon environmental acceptability: (1) recycle or rework, if feasible; (2)

incinerate at an authorized facility; or (3) treat at an acceptable waste treatment facility.

Be sure to contact the appropriate government environmental agencies if further guidance is required.

Contaminated Materials:

INFORMATION NOT AVAILABLE.

14. Transport Information

Domestic (Land, DOT), International (Water, IMO/IMDG), International (Air, ICAO) Road and Rail (ADR/RID), Air (ICAO/IATA), Vessel (IMO/IMDG):

DOT (USA) Shipping Name: Not regulated by DOT/IATA

UN/NA ID No: n/a

Hazard Class: n/a

UN Number:

UN Shipping Name:

Information not available.

Transport Hazard Class:

Packing Group:

Environmental Hazards:

INFORMATION NOT AVAILABLE.

Marine Pollutant:

Components of this product do not appear on the list of Marine Pollutants (49CFR 172.101)

Special Precautions for User:

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INFORMATION NOT AVAILABLE.

15. Regulatory Information

U.S. Federal Regulations:

TSCA: All components of this material are on the US TSCA 8(b) Inventory or are exempt from listing.

OSHA:

This product is hazardous under OSHA's Hazard Communication Std. Not regarded as a health hazard under current legislation.

CERCLA: SARA Hazard Category:

INFORMATION NOT AVAILABLE.

Section 313:

"*" Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

International Regulations:

Canadian WHMIS:

INFORMATION NOT AVAILABLE.

Canadian Environmental Protection Act (CEPA):

INFORMATION NOT AVAILABLE.

EINECS:

INFORMATION NOT AVAILABLE.

State Regulations:

INFORMATION NOT AVAILABLE.

Volatile Organic Compounds:

COATING VOC content is being expressed as mass of VOC per unit volume of coating less water and exempt solvents, where applicable.

MATERIAL VOC content is the actual weight of VOC per unit volume.

16. Other Information

Date Revised: 01/03/17

Prepared By: Regulatory Compliance

Information Contact: Regulatory Compliance 979-779-8700

Manufacturer Disclaimer:

USERS RESPONSIBILITY: A bulletin such as this cannot be expected to cover all possible individual situations. As the user has the responsibility to provide a safe workplace; all aspects of an individual operation should be examined to determine if, or where, precautions - in addition to those described herein - are required. Any health hazard and safety information herein should be passed on to your customers or employees, as the case may be.

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DISCLAIMER OF LIABILITY: The information contained herein is, to the best of our knowledge and belief, accurate.

However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. All chemicals may present unknown health hazards and should be

used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist. Final determination of suitability of the chemical is the sole responsibility of the user. No

representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or any

other nature are made hereunder with respect to the information contained herein or the chemical to which the

information refers. These data relate only to the specific material designated herein and do not relate to use in

combination with any other material. It is the responsibility of the user to comply with all applicable federal, state and local laws and regulations.

End of Material Safety Data Sheet

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PES 2500 HARDENER - QUART Date

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1. Product and Company Identification

Product Name PES 2500 HARDENER - QUART

Product Code 610C11-QT

Recommended Use: Please refer to Product Information/Technical Data Sheet.

Polymeric Engineered Solutions
5401 Hwy 21 West
Bryan, TX 77803

Information Phone: 979-779-8700
Emergency Phone: ChemTel 800-255-3924

2. Hazards Identification

EMERGENCY OVERVIEW

DANGER

Acute Toxicity, Category 1

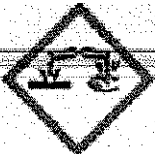
Skin Corrosion, Category 1A

Serious Eye Damage, Category 1

Causes severe skin burns and eye damage, Category 1

Chronic, Respiratory Sensitizer, Category 1; Skin Sensitizer, Category 1B

May be corrosive to metals



Potential Health Effects

Eye:

This product is a primary eye irritant and corrosive effects were indicated by animal studies. Causes eye irritation.

:Skin:

May cause moderate irritation. May cause allergic skin reactions and sensitization. Can cause redness, itching, and burning sensation. Causes skin irritation.

Ingestion:

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If swallowed, call a poison control center or physician if you feel unwell.
Rinse mouth.

Inhalation:

May cause an allergic respiratory response in some susceptible individuals.
This response can range from mild wheezing
to a severe asthmatic type attack. May cause drowsiness or dizziness.

Chronic (Cancer) Information:

IARC: No component of this product presents at levels greater than or equal to 0.1% is identified as probably, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Teratology (Birth Defects) Information:

INFORMATION NOT AVAILABLE.

Reproduction Information:

INFORMATION NOT AVAILABLE.

Aggravation of Pre-Existing Conditions:

Dermatitis or other skin conditions.

3. Composition/Information on Ingredients

POLYAMIDO AMINE	68605-86-7	49
NONE ESTABLISHED; CAUSES SEVERE SKIN AND EYE IRRITATION OR BURNS		
TOFA REACTION PRODUCTS W/TEPA	68953-36-6	27
EPOXIZED OLEIC ACID REACTION PRODUCTS W/ TEPA	68298-14-6	9
AMORPHOUS SILICA	67762-90-7	7
ACGIH: 10 MG/M3 TWA, TOTAL DUST		
ACGIH: 3 MG/M3 TWA, RESPIRABLE DUST		
OSHA PEL: 6 MG/M3 TWA		
4-TERT-BUTYLPHENOL	98-54-4	4
NONE ESTABLISHED		
M-XYLENEDIAMINE	1477-55-0	2
OSHA OEL: 0.1 mg/m3 (CEILING); SKIN DESIGNATION		
ACGIH TLV: 0.1 mg/m3 (CEILING); SKIN DESIGNATION		
CAUSES SEVERE IRRITATION AND BURNS, POSSIBLE ALLERGIC REACTION		

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1,5-PENTANEDIAMINE, 2-METHYL	15520-10-2	1
CAUSES RESPIRATORY SENSITIZATION		
CAUSES SEVERE IRRITATION AND BURNS		

4. First Aid Measures

Eyes:
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.

Skin:
If on skin: wash with plenty of soap & water. If skin irritation occurs: Get Medical advice/attention.

Take off contaminated clothing and wash it before reuse.

Ingestion:
If swallowed: Immediately call a poison center/physician.
Do NOT induce vomiting.

Inhalation:
If inhaled: Remove person to fresh air and keep comfortable for breathing.
Call a poison control center/get medical attention if you feel unwell.

Note to Physicians:
INFORMATION NOT AVAILABLE.

5. Fire Fighting Measures

Flash Point: 220 F Method:

Explosive Limits:
Lower explosive limit: n/a
Upper explosive limit: n/a

Autoignition Temperature:
INFORMATION NOT AVAILABLE.
Hazardous Combustion Products:
Smoke, soot and carbon dioxide, carbon monoxide.
Extinguishing Media:
Dry chemical, CO2, Halon, Foam
Firefighting Procedures:
Special Fire-Fighting Procedures: Wear self-contained breathing apparatus and protective clothing.

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Unusual Fire and Explosion Hazards: High temperatures can cause sealed containers to rupture due to build up of internal pressure. Cool with water spray. Vapors are heavier than air and can travel some distance away and flash back.

Sensitivity to Static Discharge: Material may accumulate a static charge which could act as an ignition source.

Precautions should be taken when pouring to minimize splash/free fall.

6. Accidental Release Measures

Small Spill:

See Information for Large Spill, below:

Large Spill:

Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

Environmental Precautions:

INFORMATION NOT AVAILABLE.

Methods/Materials for Containment and Cleaning Up:

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/state/federal regulations.

7. Handling and Storage

Handling:

INFORMATION NOT AVAILABLE.

Prevent unauthorized access.

Store in a well ventilated place.

Keep container tightly closed.

Keep cool.

8. Exposure Controls/Personal Protection

Airborne Exposure Limits:

SEE SECTION 3 FOR THIS INFORMATION

Engineering Controls:

Ventilation: Good general ventilation (typically 10 air changes per hour) should be used.

Ventilation rates should be matched to conditions.

Ventilation should be explosion proof.

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Supplementary local exhaust ventilation, closed systems, or respiratory
--protection may be needed in special
circumstances such as poorly ventilated spaces spray painting, mechanical
generation of dusts, heating, drying, etc.

Personal Protective Equipment

Respiratory Protection:

It engineering controls do not maintain airborne concentrations to an
acceptable level, an approved respirator must be
worn. In the United States of America, if respirators are used, a program
should be instituted to assure compliance
with OSHA Standard 63 CFR 1152, January 8, 1998. Respirator type: Organic
Vapor.

Skin Protection:

Wear impervious gloves to prevent skin contact.

Recommended Decontamination Facilities: eye bath, washing facilities, safety
shower.

Eye Protection:

Chemical safety goggles or glasses with side shields.

9. Physical and Chemical Properties

Boiling Point: n/a

Melting Point:

INFORMATION NOT AVAILABLE.

Freezing Point: n/a

Vapor Pressure:

Vapor Density:

HEAVIER THAN AIR

Solubility in Water:

NEGLIGIBLE

Evaporation Rate: Slower than Ether

Specific Gravity: 1.001

Coating VOC: 0.03 lb.

/gal Material VOC: 0.03

lb. /gal Odor:

INFORMATION NOT AVAILABLE.

Appearance:

Liquid.

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Partition Coefficient:

Information not available.

10. Stability and Reactivity

Chemical Stability (Conditions to Avoid):

Stable under normal storage/use conditions.

Incompatibility:

Avoid strong oxidizing agents, acids and alkalis.

Hazardous Decomposition Products:

INFORMATION NOT AVAILABLE.

Hazardous Polymerization:

Will not occur under normal conditions.

11. Toxicological Information

Eye Irritation/Damage:

Component 1477-55-0:

Serious eye damage, Category 1

Component 67762-90-7:

Non-irritating.

Component 15520-10-2:

Serious eye damage, Category 1

Component 68605-86-7:

Serious eye damage, Category 1

Components 68953-36-6 & 68298-14-6:

Serious eye damage, Category 1

Component 98-54-4:

Serious eye damage, Category 1

Skin Irritation/Damage:

Component 1477-55-0:

LD50: no data

- Component 67762-90-7:

LD50: No data, Non-irritating.

Component 15520-10-2:

LD50: no data

Corrosive to skin, category 1A

- Component 68605-86-7:

LD50: 800 mg/kg, rat. Category 3

Extremely corrosive to skin, Category 1B

Components 68953-36-6 & 68298-14-6:

LD50: 1700 mg/kg, rat. Category 4

Extremely corrosive to skin, Category 1B

Component 98-54-4:

LD50: no data

Corrosive to skin, Category 1A

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Acute Oral Toxicity:

Component 1477-55-0:

LD50: no data

Component 67762-90-7:

LD50: >5000 mg/kg, rat. Not Categorized.

Component 15520-10-2 :

LD50: 1.69 mg/kg, rat. Category 1.

Component 68605-86-7:

LD50: 4340 rat Not Categorized

Components 68953-36-6 & 68298-14-6:

LD50: 1200-1600, rat. Category 4.

Component 98-54-4:

LD50: no data

Acute Inhalation Toxicity:

Component 1477-55-0:

LC50: No data

Component 67762-90-7:

any data

Component 15520-10-2:

LC50: 4.9 mg/L (1029 ppm), rat. Category 3.

Component 68605-86-7:

No data

Components 68953-36-6 & 68298-14-6:

No data

Component 98-54-4:

LC50: no data

Respiratory/Skin Sensitization:

Component 1477-55-0:

May cause skin sensitization and/or respiratory sensitization, RESULTING IN ALLERGIC RESPIRATORY REACTIONS INCLUDING WHEEZING, SHORTNESS OF BREATH AND DIFFICULTY BREATHING.

Component 15520-10-2:

May cause skin sensitization and/or respiratory sensitization, RESULTING IN ALLERGIC RESPIRATORY REACTIONS INCLUDING WHEEZING, SHORTNESS OF BREATH AND DIFFICULTY BREATHING. May cause skin sensitization and/or respiratory sensitization, RESULTING IN ALLERGIC RESPIRATORY REACTIONS INCLUDING WHEEZING, SHORTNESS OF BREATH AND DIFFICULTY BREATHING.

Components 68953-36-6 & 68298-14-6:

May cause skin sensitization and/or respiratory sensitization, RESULTING IN ALLERGIC RESPIRATORY REACTIONS INCLUDING WHEEZING, SHORTNESS OF BREATH AND DIFFICULTY BREATHING.

Component 98-54-4:

May cause skin sensitization and/or respiratory sensitization, RESULTING IN ALLERGIC RESPIRATORY REACTIONS INCLUDING

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WHEEZING, SHORTNESS OF BREATH AND DIFFICULTY BREATHING.

Carcinogenicity:

Component 1477-55-0:

Not listed as a carcinogen by IARC, NTP, OSHA or ACGIH.

Component 67762-90-7:

Not listed as a carcinogen by IARC, NTP, OSHA or ACGIH

Component 15520-10-2:

Not listed as a carcinogen by IARC, NTP, OSHA or ACGIH

Components 68953-36-6 & 68298-14-6:

Not listed as a carcinogen by IARC, NTP, OSHA or ACGIH

Component 98-54-4:

Not listed as a carcinogen by IARC, NTP, OSHA or ACGIH.

Reproductive Toxicity:

Component 1477-55-0:

No data

Component 67762-90-7:

No evidence of human reproductive toxicity.

Component 15520-10-2:

No data

Component 68605-86-7:

No data.

Components 68953-36-6 & 68298-14-6:

No data.

Component 98-54-4:

No data

Germ Cell Mutagenicity:

Component 1477-55-0:

No data

No data

Component 15520-10-2:

No data

Component 68605-86-7:

--No data

Components 68953-36-6 & 68298-14-6:

No data

Component 98-54-4:

No data

Aspiration Toxicity:

Component 1477-55-0:

Not classified as an Aspiration Hazard.

Component 67762-90-7:

Not classified as an Aspiration Hazard.

Component 15520-10-2:

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Not classified as an Aspiration Hazard.
Component 68605-86-7:

Not classified as an Aspiration Hazard.
Components 68953-36-6 & 68298-14-6:

Not classified as an Aspiration Hazard.
Component 98-54-4:

Not classified as an Aspiration Hazard.

STOT- Single Exposure

Component 1477-55-0

No data

Component 67762-90-7:

No data

Component 15520-10-2:

No data

Component 68605-86-7:

No data

Components 68953-36-6 & 68298-14-6:

No data

Component 98-54-4:

No data

STOT-repeated exposure

Component 1477-55-0:

No data

Component 67762-90-7:

No data

Component 15520-10-2:

No data

Component 68605-86-7:

No data

Components 68953-36-6 & 68298-14-6:

No data

Component 98-54-4:

No data

Routes of Exposure:

Inhalation of vapors, skin/eye/mucous membrane absorption, ingestion.

12. Ecological Information

Environmental Toxicity:

Component 1477-55-0:

No data

Component 67762-90-7:

LC50: <10,000 mg/1 (fish); EC50: <1,000 mg/1 (daphnia); EC50: <10,000 mg/1 (algae)

Component 15520-10-2:

No data

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Component 68605-86-7:

No data

Components 68953-36-6 & 68298-14-6:

No data

Component 98-54-4:

No data

Persistence & degradability:

Component 1477-55-0:

No data

Component 67762-90-7:

No data

Component 15520-10-2:

No data

Component 68605-86-7:

No data

Components 68953-36-6 & 68298-14-6:

No data

Component 98-54-4:

No data

Bioaccumulative potential:

Component 1477-55-0:

No data.

Component 67762-90-7:

Not expected to bioaccumulate. Component 15520-10-2:

No data.

Component 68605-86-7:

No data

Components 68953-36-6 & 68298-14-6:

No data

Component 98-54-4:

Mobility in soil:

Component 1477-55-0:

No data

Component 1477-55-0:

No data

Component 15520-10-2:

No data

Component 68605-86-7:

No data

Components 68953-36-6 & 68298-14-6:

No data

Component 98-54-4:

No data

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No information

13. Disposal Considerations

Waste Disposal Method:

Discharge, treatment or disposal is subject to national, state, or local laws.

When a decision is made to discard this

material as supplied, it meets RCRA's characteristic definition of ignitability. The toxicity characteristic (TC) has not been evaluated by the Toxicity Characteristic Leaching Procedure (TCLP). Federal Regulations may apply to empty container. State and/or local regulations may be different.

Of the methods of disposal currently available, it is recommended that an alternative be selected according to the

following order of preference, based upon environmental acceptability: (1)

recycle or rework, if feasible; (2)

incinerate at an authorized facility; or (3) treat at an acceptable waste treatment facility.

Be sure to contact the appropriate government environmental agencies if further guidance is required.

14. Transport Information

Domestic (Land, DOT), International (Water, IMO/IMDG), International (Air, ICAO)

Road and Rail (ADR/RID), Air (ICAO/IATA), Vessel (IMO/IMDG):

DOT (USA) Shipping Name: PAINT RELATED MATERIAL, CORROSIVE

UN/NA ID No: UN3066

Hazard Class: Class 8 (IATA/49CFR)

Packing Group: II

Environmental Hazards:

Marine Pollutant:

Components of this product do not appear on the list of Marine Pollutants (49CFR 172.101)

Special Precautions for User:

INFORMATION NOT AVAILABLE.

15. Regulatory Information

U.S. Federal Regulations:

TSCA: All components of this material are on the US TSCA S(b) Inventory or are exempt from listing.

OSHA:

This product is hazardous under OSHA's Hazard Communication Std. Not regarded as a health hazard under current

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legislation.

CERCLA: SARA Hazard Category:

INFORMATION NOT AVAILABLE.

Section 313:

"*" Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

International Regulations:

Canadian WHMIS:

INFORMATION NOT AVAILABLE

Canadian Environmental Protection Act (CEPA):

INFORMATION NOT AVAILABLE.

EINECS:

INFORMATION NOT AVAILABLE.

State Regulations:

INFORMATION NOT AVAILABLE.

Volatile Organic Compounds:

COATING VOC content is being expressed as mass of VOC per unit volume of coating less water and exempt solvents, where applicable.

MATERIAL VOC content is the actual weight of VOC per unit volume.

16. Other Information

Date Revised: 06/26/15

Prepared By: Regulatory Compliance

Information Contact: Regulatory Compliance 979-779-8700

Manufacturer Disclaimer:

USERS RESPONSIBILITY: A bulletin such as this cannot be expected to cover all possible individual situations. As the user has the responsibility to provide a safe workplace; all aspects of an individual operation should be examined and required. Any health hazard and safety information herein should be passed on to your customers or employees, as the case may be.

DISCLAIMER OF LIABILITY: The information contained herein is, to the best of our knowledge and belief, accurate.

However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. All chemicals may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist. Final determination of suitability of the chemical is the sole responsibility of the user. No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or any

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other nature are made hereunder with respect to the information contained herein
or the chemical to which the
information refers. These data relate only to the specific material designated
herein and do not relate to use in
combination with any other material. It is the responsibility of the user to
comply with all applicable federal, state
and local laws and regulations.

End of Material Safety Data Sheet