High Temp Coating Factory Gray

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 1 - IDENTIFICATION

1.1 Product Identifier

Product Name : *High Temp Coating Factory Gray*
Supplier Product Numbers : *34105Z*

1.2 Other Means of Identification

Other Identifiers : *Not Available*

1.3 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Recommended Use : *Coating used to produce custom look for manifolds and headers.*
Restrictions on Use : *None Identified*

1.4 Supplier Details

		Supplier Details
Company Name	:	*The Easthill Group, Inc./The Eastwood Company*
Address	:	*263 Shoemaker Road, Pottstown, PA 19464 - United States*
Phone Number	:	*800-343-9353*
Fax Number	:	
Email	:	
Website	:	*www.eastwood.com*

1.5 24 hr Emergency Phone Number

Emergency Number : *800-424-9300 ChemTrec*

SECTION 2 - HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture

Flam. Liq. 2	*H225*	*Physical Hazards*	*Flammable liquids Category 2*
Eye Irrit. 2	*H319*	*Health Hazards*	*Serious eye damage/eye irritation Category 2*
Carc. 2	*H351*	*Health Hazards*	*Carcinogenicity Category 2*
Stot Se 1	*H370*	*Health Hazards*	*Specific target organ toxicity (single exposure) Category 1*
Stot Se 3	*H336*	*Health Hazards*	*Specific target organ toxicity (single exposure) Category 3*
Stot Re 1	*H372*	*Health Hazards*	*Specific target organ toxicity (repeated exposure) Category 1*

2.2 Label Elements

Hazard Pictograms

GHS02 *GHS07* *GHS08*

Signal Word ***Danger***

Hazard Statements

H225 : *Highly flammable liquid and vapour*
H319 : *Causes serious eye irritation*
H336 : *May cause drowsiness or dizziness*
H351 : *Suspected of causing cancer*
H370 : *Causes damage to organs*
H372 : *Causes damage to organs through prolonged or repeated exposure*

Precautionary Statements

P202 : *Do not handle until all safety precautions have been read and understood.*
P210 : *Keep away from heat/sparks/open flames/hot surfaces. - No smoking.*

P233	:	*Keep container tightly closed.*
P240	:	*Ground/Bond container and receiving equipment*
P241	:	*Use explosion-proof electrical/ventilating/lighting equipment*
P242	:	*Use only non-sparking tools.*
P243	:	*Take precautionary measures against static discharge.*
P260	:	*Do not breathe fumes.*
P264	:	*Wash hands thoroughly after handling.*
P270	:	*Do not eat, drink or smoke when using this product.*
P271	:	*Use only outdoors or in a well-ventilated area.*
P280	:	*Wear protective gloves and eye protection.*
P303+P361+P353	:	*If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower*
P304+P340	:	*If inhaled: Remove person to fresh air and keep comfortable for breathing*
P305+P351+P338	:	*If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing*
P308+P313	:	*If exposed or concerned: Get medical advice/attention.*
P314	:	*Get medical advice/attention if you feel unwell.*
P337+P313	:	*If eye irritation persists: Get medical advice/attention.*
P370+P378	:	*In case of fire: Use water, CO2, dry chemical, or universal aqueous film forming foam to extinguish.*
P403+P235	:	*Store in a well-ventilated place. Keep cool.*
P405	:	*Store locked up.*
P501	:	*Dispose of contents/container to local regulations*

2.3 Other Hazards Which Do Not Result In Classification

Hazards Not Otherwise Classified : *None Identified.*

2.4 Unknown acute toxicity

27.7% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)
31.47% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)
32.57% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Vapours))

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substance / Mixture

Substance / Mixture : *Mixture*

3.2 Composition

Substance name	CAS Number	% wt*	Classification
Dimethyl Carbonate	*616-38-6*	*10 - 30*	*Flam. Liq. 2, H225*
Acetone	*67-64-1*	*10 - 30*	*Flam. Liq. 2, H225* *Eye Irrit. 2A, H319* *STOT SE 3, H336*
Methyl Acetate	*79-20-9*	*5 - 10*	*Flam. Liq. 2, H225* *Eye Irrit. 2A, H319* *STOT SE 3, H336*
Propylene Glycol Monomethyl Ether Acetate	*108-65-6*	*1 - 5*	*Flam. Liq. 3, H226*
Tripoli	*1317-95-9*	*1 - 5*	*Carc. 2, H351*
Solvent Naphtha (Petroleum), Light Aliphatic	*64742-89-8*	*1 - 5*	*Flam. Liq. 2, H225* *Skin Irrit. 2, H315* *STOT SE 3, H336* *Asp. Tox. 1, H304*
Mineral Spirits	*64742-88-7*	*1 - 5*	*Flam. Liq. 3, H226* *STOT RE 1, H372* *Asp. Tox. 1, H304*

Substance name	CAS Number	% wt*	Classification
Methanol	*67-56-1*	*1 - 5*	*Flam. Liq. 2, H225* *Acute Tox. 3 (Oral), H301* *Acute Tox. 3 (Dermal), H311* *Acute Tox. 3 (Inhalation:vapour), H331* *STOT SE 1, H370*
Ethyl Benzene	*100-41-4*	*0.1 - 1*	*Flam. Liq. 2, H225* *Acute Tox. 4 (Inhalation), H332* *Acute Tox. 4 (Inhalation:vapour), H332* *Carc. 2, H351* *STOT RE 2, H373* *Asp. Tox. 1, H304* *Aquatic Acute 2, H401*

Full text of hazard classes and H-statements : see section 16

**Chemical name, CAS number and/or exact concentration have been withheld as a trade secret*

SECTION 4 - FIRST-AID MEASURES

4.1 Description of First-Aid Measures

General Measures : *If exposed or concerned: Get medical advice/attention.*

Inhalation : *Remove person to fresh air and keep comfortable for breathing.*

Skin Contact : *Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing.*

Eye Contact : *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.*

Ingestion : *Call a poison center or a doctor if you feel unwell.*

First-Aid Responder Protection : *Wear adequate personal protective equipment based on the nature and severity of the emergency.*

4.2 Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms of Exposure : *Eye Irritation, Nose Irritation, Throat Irritation, Dermatitis, Central Nervous System Depression, Skin Irritation, Headache, Dizziness, Nausea, Narcosis, Upper Respiratory Tract Irritation, Drowsiness, Vomiting, Optical Nerve Damage, Cough, Chest Tightness, Mucous Membrane.*

Delayed Effects : *No known delayed effects.*

Immediate Effects : *No known immediate effects.*

Chronic Effects : *Methyl alcohol may be fatal or cause blindness if swallowed. Because of defatting properties, repeated skin contact can cause skin damage such as chap, dermatitis, inflammation and the formation of eczema.*

Target Organs : *Central Nervous System, Eyes, Gastrointestinal Tract, Respiratory System, Skin.*

4.3 Indication of Immediate Medical Attention and Special Treatment

Notes to Physician : *Treat symptomatically.*

Specific Treatments/Antidotes : *No Information Available.*

Medical Conditions Aggravated : *May aggravate personnel with pre-existing disorders associated with any of the Target Organs.*

SECTION 5 - FIRE-FIGHTING MEASURES

5.1 Suitable Extinguishing Media

Extinguishing Media : *Water, carbon dioxide, dry chemical, universal aqueous film forming foam.*

Unsuitable Media : *Water jet.*

5.2 Specific Hazards Arising from the Chemical or Mixture

Hazardous Combustion Products : *Decomposition products may include: oxides of carbon, smoke, vapors. See also Section 10.6.*

Specific Hazards During Firefighting : *CONTENTS HIGHLY FLAMMABLE. In a fire or if heated, a pressure increase will occur which may result in container bursting. Vapors heavier than air may spread along the ground and travel to an ignition source.*

5.3 Special Protective Actions for Fire-Fighters

Firefighting Instructions : *Use water spray to cool fire exposed containers, as contents can rupture violently from heat developed pressure.*

Protection during Firefighting : *Firemen should wear self-contained breathing apparatus with full face-piece operated in positive pressure mode.*

SECTION 6 - ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

For Non-Emergency Personnel : *No action should be taken involving any personnel without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spill. Remove ignition sources and provide adequate ventilation only if it is safe to do so.*

For Emergency Personnel : *Use personal protection as recommended in Section 8. Observe precautions provided for non-emergency personnel above.*

6.2 Environmental Precautions

Environmental Precautions : *Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination.*

6.3 Methods and Materials for Containment and Cleaning up

Containment Procedures : *Released content may be contained with oil/solvent absorbent pads, booms, and/or absorbents.*

Cleanup Procedures : *Remove sources of ignition and use non-sparking equipment. Soak up material with inert absorbent and place in safety containers for proper disposal.*

Other Information : *The North American Emergency Response Guidebook or similar resources providing emergency response information for dealing with accidents, spills, leaks, and/or fires involving dangerous goods.*

Prohibited Materials : *Combustible absorbent material such as sawdust. Use of equipment that may cause sparking.*

SECTION 7 - HANDLING AND STORAGE

7.1 Precautions for Safe Handling

General Handling Precautions : *KEEP OUT OF THE REACH OF CHILDREN. When using in spray application, conformance to NFPA 33 Spray Application using Flammable and Combustible Materials is recommended.*

Hygiene Recommendations : *Do not eat, drink or smoke when using this product. Wash hands thoroughly after use. Remove contaminated clothing and protective equipment before entering eating or smoking areas.*

7.2 Conditions for Safe Storage Including Any Incompatibilities

Storage Requirements : *Storage of flammable materials should conform to NFPA 30 Flammable and Combustible Liquid. Keep containers tightly closed and stored in a well-ventilated place. Keep away from sources of ignition.*

Incompatibilities : *Segregate storage away from materials indicated in Section 10.*

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters

Ethyl Benzene (100-41-4)		
ACGIH	*ACGIH TWA (mg/m³)*	*20 ppm*
OSHA	*OSHA PEL (TWA) (mg/m³)*	*435 mg/m³*
OSHA	*OSHA PEL (TWA) (ppm)*	*100 ppm*
NIOSH	*US IDLH (ppm)*	*800 ppm*
NIOSH	*NIOSH REL (TWA) (mg/m³)*	*435 mg/m³*
NIOSH	*NIOSH REL (TWA) (ppm)*	*100 ppm*
NIOSH	*NIOSH REL (STEL) (mg/m³)*	*545 mg/m³*
NIOSH	*NIOSH REL (STEL) (ppm)*	*125 ppm*
California	*California PEL (TWA) (mg/m3)*	*22 mg/m³*
California	*California PEL (TWA) (ppm)*	*5 ppm*
California	*California PEL (STEL) (mg/m3)*	*130 mg/m³*
California	*California PEL (STEL) (ppm)*	*30 ppm*
Biological Exposure Index	*Sum of Mandelic Acid and Phenyl Glyoxylic Acid in Urine, End of shift at end of workweek*	*0.7 g/g creatinine*

Propylene Glycol Monomethyl Ether Acetate (108-65-6)		
California	*California PEL (TWA) (mg/m3)*	*541 mg/m³*
California	*California PEL (TWA) (ppm)*	*100 ppm*
California	*California PEL (STEL) (mg/m3)*	*811 mg/m³*
California	*California PEL (STEL) (ppm)*	*150 ppm*

Tripoli (1317-95-9)		
ACGIH	*ACGIH TWA (ppm)*	*0.025 mg/m³*
OSHA	*OSHA PEL (TWA) (mg/m³)*	*0.1 mg/m³*
NIOSH	*US IDLH (mg/m³)*	*50 mg/m³*
NIOSH	*NIOSH REL (TWA) (mg/m³)*	*0.05 mg/m³*

Acetone (67-64-1)		
ACGIH	*ACGIH TWA (mg/m³)*	*250 ppm*
ACGIH	*ACGIH Ceiling (mg/m³)*	*500 ppm*
OSHA	*OSHA PEL (TWA) (mg/m³)*	*2400 mg/m³*
OSHA	*OSHA PEL (TWA) (ppm)*	*1000 ppm*
NIOSH	*US IDLH (ppm)*	*2500 ppm*
NIOSH	*NIOSH REL (TWA) (ppm)*	*250 ppm*
California	*California PEL (TWA) (mg/m3)*	*1200 mg/m³*
California	*California PEL (TWA) (ppm)*	*500 ppm*
California	*California PEL (STEL) (mg/m3)*	*1780 mg/m³*
California	*California PEL (STEL) (ppm)*	*750 ppm*
California	*California PEL (Ceiling) (ppm)*	*3000 ppm*
Biological Exposure Index	*Acetone in urine, End of shift (Ns)*	*25 mg/l*

Methanol (67-56-1)		
ACGIH	*ACGIH TWA (mg/m³)*	*200 ppm*
ACGIH	*ACGIH Ceiling (mg/m³)*	*250 ppm*
OSHA	*OSHA PEL (TWA) (mg/m³)*	*260 mg/m³*
OSHA	*OSHA PEL (TWA) (ppm)*	*200 ppm*
NIOSH	*US IDLH (ppm)*	*6000 ppm*
NIOSH	*NIOSH REL (TWA) (ppm)*	*200 ppm*
California	*California PEL (TWA) (mg/m3)*	*260 mg/m³*
California	*California PEL (TWA) (ppm)*	*200 ppm*
California	*California PEL (STEL) (mg/m3)*	*325 mg/m³*
California	*California PEL (STEL) (ppm)*	*250 ppm*
California	*California PEL (Ceiling) (ppm)*	*1000 ppm*
Biological Exposure Index	*Methanol in Urine, End of shift (B,Ns)*	*15 mg/l*

Methyl Acetate (79-20-9)		
ACGIH	*ACGIH TWA (mg/m³)*	*200 ppm*
ACGIH	*ACGIH Ceiling (mg/m³)*	*250 ppm*
OSHA	*OSHA PEL (TWA) (mg/m³)*	*610 mg/m³*
OSHA	*OSHA PEL (TWA) (ppm)*	*200 ppm*
NIOSH	*US IDLH (ppm)*	*3100 ppm*
NIOSH	*NIOSH REL (TWA) (mg/m³)*	*610 mg/m³*
NIOSH	*NIOSH REL (TWA) (ppm)*	*200 ppm*
NIOSH	*NIOSH REL (STEL) (mg/m³)*	*760 mg/m³*
NIOSH	*NIOSH REL (STEL) (ppm)*	*250 ppm*
California	*California PEL (TWA) (mg/m3)*	*610 mg/m³*
California	*California PEL (TWA) (ppm)*	*200 ppm*
California	*California PEL (STEL) (mg/m3)*	*760 mg/m³*
California	*California PEL (STEL) (ppm)*	*250 ppm*

Solvent Naphtha (Petroleum), Light Aliphatic (64742-89-8)		
OSHA	*OSHA PEL (TWA) (mg/m³)*	*2000 mg/m³*
OSHA	*OSHA PEL (TWA) (ppm)*	*500 ppm*
California	*California PEL (TWA) (mg/m3)*	*1350 mg/m³*
California	*California PEL (TWA) (ppm)*	*300 ppm*
California	*California PEL (STEL) (mg/m3)*	*1800 mg/m³*
California	*California PEL (STEL) (ppm)*	*400 ppm*

8.2 Exposure Controls

Engineering Measures : *Use only with adequate ventilation. General ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Local exhaust ventilation or an enclosed handling system may be necessary to control air contamination below that of the lowest OEL from the table above.*

Personal Protective Equipment

Eye / Face Protection : *Safety glasses with side shields are recommended as a minimum for any type of industrial chemical handling. Where eye contact with this material could occur, chemical splash proof goggles are recommended.*

Hand Protection : *Chemical-resistant gloves, tested according to ASTM F903 - 17.*

Remarks : *Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous substance and specific to the place of work.*

Skin and Body Protection : *For brief contact, no precautions other than clean body-covering clothing should be needed. When prolonged or repeated contact could occur, use protective clothing impervious to the ingredients listed in Section 2.*

Respiratory Protection : *An approved respirator with an organic vapor cartridge may be permissible under certain circumstances where airborne concentrations are expected to exceed occupational exposure limits.*

Compliance : *If needed, compliance with OSHA standard 29 CFR 1910.134 is necessary.*

Other Protective Equipment : *Safety showers and eye-wash stations should be available in the workplace near where the material will be used.*

Environmental Exposure Controls : *Avoid release to the environment.*

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

9.1 Physical Properties

Boiling Point	*55.60 °C*	Melting / Freezing Point	*-114.00 °C*
Flash Point, Liquid	*> -17.00 °C*		
Explosive Limits	*LEL: 0.80 UEL: 36.00 vol %*	Autoignition Temperature, Liquid	*232.00 °C*
Flammability	*Highly Flammable Liquid*	Density	*1.129 g/cm³*
Molecular Weight	*Not Available*	Weight	*9.422 lbs/gal*
Vapor Pressure	*Not Available*	pH	*Not Available*
Vapor Density	*Not Available*	Evaporation Rate (nBAc=1)	*Not Available*
Viscosity	*Not Available*	Partition Coefficient (Log Pow)	*Not Available*
Odor Threshold	*Not Available*	Refractive Index	*Not Available*
Physical State	*Liquid*	Heat Of Combustion	*6573.40 BTU/lb*
Appearance / Color	*Gray coating*	Water Solubility	*Not Available*
Odor	*Paint-like*	Decomposition Temperature	*Not Available*

9.2 Environmental Properties

Percent Volatile	*63.71 % wt*	VOC Regulatory	*250.72 g/L (2.09 lbs/gal)*
Percent VOC	*10.39 % wt*	VOC Actual	*117.30 g/L (0.98 lbs/gal)*
Percent HAP	*1.54 % wt*	HAP Content	*17.39 g/L (0.15 lbs/gal)*
Global Warming Potential	*0.15 GWP*	Maximum Incremental Reactivity	*0.3150 g O3/g*
Ozone Depletion Potential	*0.00 ODP*		

SECTION 10 - STABILITY AND REACTIVITY

10.1 Reactivity

Reactivity : *No specific test data related to reactivity is available for this products or its ingredients.*

10.2 Chemical Stability

Chemical Stability : *This product is stable.*

10.3 Possibility of Hazardous Reactions

Hazardous Reactions : *Under normal conditions of storage and use, hazardous reactions are not expected to occur.*

10.4 Conditions to Avoid

Conditions to Avoid : *Electrostatic Discharge, Other Ignition Sources, Heat, Flames, Sparks.*

10.5 Incompatible Materials

Materials to Avoid : *Strong Oxidizing Agents, Strong Reducing Agents, Alkali Metals, Strong Acids, Potassium t-Butoxide, Hydrogen Peroxide, Magnesium, Chromium Trioxide.*

10.6 Hazardous Decomposition Products

Thermal Decomposition : *Oxides of carbon, Aldehydes, Formaldehyde, Methanol, Acetic Acid.*

SECTION 11 - TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects

Ethyl Benzene (CAS: 100-41-4 / EC: 202-849-4)	
LD50 Oral (Rat)	*4720 mg/kg (ChemInfo)*
LD50 Dermal (Rabbit)	*15380 mg/kg (ChemInfo)*
LC50 Inhalation (Rat)	*17.2 mg/l/4h (IUCLID)*
LC50 Inhalation (Rat)	*4000 ppm/4h (ChemInfo)*

Propylene Glycol Monomethyl Ether Acetate (CAS: 108-65-6 / EC: 203-603-9)	
LD50 Oral (Rat)	*10000 mg/kg (ChemInfo)*
LD50 Dermal (Rabbit)	*19200 mg/kg (ChemInfo)*
LC50 Inhalation (Rat)	*> 5250 ppm/4h (ChemInfo)*

Dimethyl Carbonate (CAS: 616-38-6 / EC: 210-478-4)	
LD50 Oral (Rat)	*13000 mg/kg (RTECS)*
LD50 Dermal (Rabbit)	*> 5000 mg/kg (RTECS)*
LC50 Inhalation (Rat)	*> 140 mg/l/4h (IUCLID)*

Acetone (CAS: 67-64-1 / EC: 200-662-2)	
LD50 Oral (Rat)	*5800 mg/kg (Sigma-Aldrich)*
LD50 Dermal (Rabbit)	*20000 mg/kg (IUCLID)*
LC50 Inhalation (Rat)	*76 mg/l/4h (GESTIS Substance Database)*

Methanol (CAS: 67-56-1 / EC: 200-659-6)	
LD50 Oral (Rat)	*5850 mg/kg (ChemInfo)*
LD50 Dermal (Rabbit)	*15800 mg/kg (RTECS)*
LC50 Inhalation (Rat)	*131.25 mg/l/4h (ECHA)*
LC50 Inhalation (Rat)	*64000 ppm/4h (ChemInfo)*

Methyl Acetate (CAS: 79-20-9 / EC: 201-185-2)	
LD50 Oral (Rat)	*6970 mg/kg (Lit.)*
LD50 Dermal (Rabbit)	*> 5000 mg/kg (RTECS)*
LC50 Inhalation (Rat)	*> 49.28 mg/l/4h (External SDS)*
LC50 Inhalation (Rat)	*16000 - 32000 (ChemInfo)*

Solvent Naphtha (Petroleum), Light Aliphatic (CAS: 64742-89-8 / EC: 265-192-2)	
LD50 Oral (Rat)	*> 5000 mg/kg (External SDS)*
LD50 Dermal (Rabbit)	*> 2000 mg/kg (External SDS)*
LC50 Inhalation (Rat)	*> 20 mg/l/4h (External SDS)*

Mineral Spirits (CAS: 64742-88-7 / EC: 265-191-7)	
LD50 Oral (Rat)	*> 5000 mg/kg (Lit.)*
LD50 Dermal (Rabbit)	*> 3000 mg/kg (Lit.)*
LC50 Inhalation (Rat)	*5500 ppm/4h (Lit.)*

Routes Of Exposure : *Eye Contact, Ingestion, Skin Contact, Inhalation, Skin Absorption.*

Delayed and Immediate Effects and Also Chronic Effects from Short and Long Term Exposure : *See Section 4.2*

Skin Corrosion/Irritation : *Not classified*

Eye Damage/Irritation : *Causes serious eye irritation.*

Respiratory or Skin Sensitization : *Not classified*

Germ Cell Mutagenicity : *Not classified*

Reproductive Toxicity : *Not classified*

STOT-Single Exposure : *Causes damage to organs. May cause drowsiness or dizziness.*

STOT-Repeated Exposure : *Causes damage to organs through prolonged or repeated exposure.*

Aspiration Hazard : *Not classified*

Carcinogen Data : *The following ingredients are listed as known or suspected carcinogens:*

Ethyl Benzene (CAS: 100-41-4 / EC: 202-849-4)	
IARC group	*2B - Possibly Carcinogenic to Humans*
ACGIH Category	*A3 - Confirmed animal carcinogen with unknown relevance to humans*

Tripoli (CAS: 1317-95-9 / EC: 231-487-1)	
ACGIH Category	*A2 - Suspected human carcinogen*

SECTION 12 - ECOLOGICAL INFORMATION

12.1 Ecotoxicity and Ecological Properties

Ethyl Benzene (100-41-4)	
LC50 Fish	*4.2 mg/l Rainbow Trout - 96hr*
EC50 Daphnia	*2.4 mg/l Water Flea - 48hr*
EC50 Other Aquatic Organisms	*9.68 mg/l Bacteria - 30min*
EC50 Other Aquatic Organisms	*4.6 mg/l Green Algae - 72hr*
Persistence and Degradibility	*Readily biodegradable in water. Biodegradable in the soil. Low potential for absorption in soil.*
Biochemical Oxygen Demand	*1.44 g O_2/g substance*
Chemical Oxygen Demand	*2.1 g O_2/g substance*
Theoretical Oxygen Demand	*3.17 g O_2/g substance*
Biodegration	*81 % 28 Days*
BCF Fish	*1.18*
Log Pow	*3.15*
Bioacculative Potential	*Low potential for bioaccumulation (BCF < 500).*
Log Koc	*2.4*

Propylene Glycol Monomethyl Ether Acetate (108-65-6)	
LC50 Fish	*100 ml/l Rainbow Trout - 96hr*
EC50 Daphnia	*373 mg/l Water Flea - 48hr*
EC50 Daphnia	*> 1000 mg/l Green Algae - 96hr*
Persistence and Degradibility	*Biodegradability 81% / 28 days.*
Biochemical Oxygen Demand	*330 mg/g*
Chemical Oxygen Demand	*1740 mg/g*
Theoretical Oxygen Demand	*1820 mg/g*
Log Pow	*0.56*
Log Koc	*0.36*

Tripoli (1317-95-9)	
Persistence and Degradibility	*Biodegradability in soil: not applicable.*
Biochemical Oxygen Demand	*Not applicable*
Chemical Oxygen Demand	*Not applicable*
Theoretical Oxygen Demand	*Not applicable*
Bioacculative Potential	*No bioaccumulation data available.*

Dimethyl Carbonate (616-38-6)	
LC50 Fish	*> 100 mg/l Zebra Fish - 96hr*
LC50 Fish	*1000 mg/l Golden Orfe - 96hr*
EC50 Daphnia	*> 100 mg/l Water Flea - 48hr*
EC50 Other Aquatic Organisms	*> 100 mg/l Green Algae - 72hr*
Persistence and Degradibility	*Biodegradability 86% / 28 days.*
Chemical Oxygen Demand	*756 mg/g*
Log Pow	*0.23*
Bioacculative Potential	*Not bioaccumulative.*
Log Koc	*0.917*

Acetone (67-64-1)	
LC50 Fish	*5540 mg/l Rainbow Trout - 96hr*
LC50 Fish	*8300 mg/l Bluegill Sunfish - 96h*
EC50 Daphnia	*8800 mg/l Water Flea - 48hr*
Persistence and Degradibility	*Biodegradability 90% / 28 days.*

Acetone (67-64-1)	
Biochemical Oxygen Demand	*1.43 g O_2/g substance*
Chemical Oxygen Demand	*1.92 g O_2/g substance*
Theoretical Oxygen Demand	*2.2 g O_2/g substance*
BCF Fish	*0.69*
BCF Other Aquatic Organisms	*3*
Log Pow	*-0.24*

Methanol (67-56-1)	
LC50 Fish	*15400 mg/l Bluegill Sunfish - 96h*
EC50 Daphnia	*> 10000 mg/l Water Flea - 48hr*
EC50 Other Aquatic Organisms	*22000 mg/l Freshwater Algae - 96hr*
Persistence and Degradibility	*Biodegradability 72% / 5 days.*
Biochemical Oxygen Demand	*0.6 - 1.12 g O_2/g substance*
Chemical Oxygen Demand	*1.42 g O_2/g substance*
Theoretical Oxygen Demand	*1.5 g O_2/g substance*
BCF Fish	*< 10 (BCF; 72 h; Leuciscus idus)*
Log Pow	*-0.77 (Experimental value; Other)*
Bioacculative Potential	*Low potential for bioaccumulation (BCF < 500).*
Log Koc	*0.44*

Methyl Acetate (79-20-9)	
LC50 Fish	*250 - 350 mg/l Zebra Fish - 96hr*
EC50 Daphnia	*1026.7 mg/l Water Flea - 48hr*
EC50 Other Aquatic Organisms	*> 120 mg/l Green Algae - 72hr*
EC50 Other Aquatic Organisms	*6100 mg/l Bacteria - 30min*
Persistence and Degradibility	*Readily biodegradable in water. Inherently biodegradable. Highly mobile in soil.*
Chemical Oxygen Demand	*1511.8 mg/g*
Theoretical Oxygen Demand	*1510 mg/g*
Biodegration	*70 % 28 Days*
BCF Fish	*< 1 (BCF)*
Log Pow	*0.18*
Bioacculative Potential	*Low potential for bioaccumulation (BCF < 500).*
Log Koc	*0.68*

Solvent Naphtha (Petroleum), Light Aliphatic (64742-89-8)	
Persistence and Degradibility	*Expected to be readily biodegradable. Oxidises rapidly by photo-chemical reactions in air.*
Biodegration	*95 % 28 Days*
Log Kow	*2.1*
Bioacculative Potential	*Low potential for bioaccumulation (Log Kow < 4).*

Mineral Spirits (64742-88-7)	
LC50 Fish	*500 mg/l 96hr*
EC50 Daphnia	*> 100 mg/l 48hr*
Chemical Oxygen Demand	*0.47 mg/g*
Log Pow	*3.3*
Bioacculative Potential	*No bioaccumulation data available.*

SECTION 13 - DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

Waste Disposal : *Product is suitable for burning in an enclosed, controlled burner for fuel value. Hazard characteristics and regulatory waste stream classification can change with product use and location. Accordingly, it is the responsibility of the user to determine the proper storage, transportation, treatment, and/or disposal methodologies for spent materials and residues at the time of disposition. All waste material must be disposed of in compliance with the respective national, federal, state, and/or local regulations.*

Waste Disposal Of Packaging : *Consult with your local landfill to determine if empty small containers can be disposed of along with regular trash pickup. For disposal of large containers (typically 10 gallons or larger), or for containers not suitable for landfill, a licensed reconditioner should be used.*

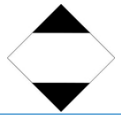
Landfill Precautions : *Not Available.*

Incineration Precautions : *Not Available.*

SECTION 14 - TRANSPORTATION INFORMATION

14.1 UN Number		DOT (USA)	IATA (AIR)	IMDG (OCEAN)
UN Number	:	*UN1263*	*UN1263*	*UN1263*

14.2 UN Proper Shipping Name		DOT (USA)	IATA (AIR)	IMDG (OCEAN)
UN Proper Shipping Name	:	*Paint, Limited Quantity*	*Paint, Limited Quantity*	*Paint, Limited Quantity*

14.3 Transport Hazard Class(es)		DOT (USA)	IATA (AIR)	IMDG (OCEAN)
Transport Hazard Class(es)	:	*3*	*3*	*3*
Labels	:	*None*	*3 - Flammable liquid* 	*None*
Limited Quantity	:	*Yes* 	*Yes* 	*Yes* 
EmS Code	:	*Not Applicable*	*Not Applicable*	*F-E, S-E*

14.4 Packing Group		DOT (USA)	IATA (AIR)	IMDG (OCEAN)
Packing Group	:	*II*	*II*	*II*

14.5 Environmental Hazards		DOT (USA)	IATA (AIR)	IMDG (OCEAN)
Marine Pollutant	:	*No*	*No*	*No*

14.6 Special Precautions

Precautions : *None Identified*

14.7 Transport in Bulk

Remarks : *Not applicable for product as supplied*

SECTION 15 - REGULATORY INFORMATION

15.1 Federal Regulations

SARA Section 313 : *Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.*

Ethyl Benzene	*CAS-No. 100-41-4*	*< 1%*
Xylene	*CAS-No. 1330-20-7*	*< 1%*
Methanol	*CAS-No. 67-56-1*	*1 - 5%*
Aluminum	*CAS-No. 7429-90-5*	*1 - 5%*

TSCA Section 12(b) : *This product or mixture is not known to contain a chemical or chemicals subject to the export notification requirements of section 12(b) of the Toxic Substances Control Act (TSCA) and 40 CFR Part 707, subpart D*

CERCLA Reportable Quantity : *Chemical(s) subject to reporting requirements of Section 102 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) if released to the environment at or above the reportable quantity*

Ethyl Benzene	*CAS-No. 100-41-4*	*1000 lb*
Xylene	*CAS-No. 1330-20-7*	*100 lb*
Acetone	*CAS-No. 67-64-1*	*5000 lb*
Methanol	*CAS-No. 67-56-1*	*5000 lb*
Isobutyl Alcohol	*CAS-No. 78-83-1*	*5000 lb*

SARA Section 311/312 Hazard Classes : *Delayed (chronic) health hazard, Fire hazard, Immediate (acute) health hazard.*

TSCA Inventory (United States) : *All chemical substances in this product are either listed on the Toxic Substances Control Act (TSCA) Inventory or are in compliance with a TSCA Inventory exemption.*

15.2 State Regulations

California Proposition 65 : *This product contains chemcials known to the State of California to cause cancer, birth defects or other reproductive harm.*

Ethyl Benzene (100-41-4)	*Cancer*	*Yes*	*0.25 %*
Quartz (14808-60-7)	*Cancer*	*Yes*	*0.03 %*
Methanol (67-56-1)	*Developmental Toxicity*	*Yes*	*1.13 %*
Ethyl Benzene (100-41-4)	*No significance risk level (NSRL)*	*54 µg/day*	

State Right-to-Know Lists : *The following chemical(s) appear on one or more state RTK (Right to Know) lists as indicated*

Ethyl Benzene (100-41-4)	*U.S. - Massachusetts - Right To Know List* *U.S. - New Jersey - Right to Know Hazardous Substance List* *U.S. - Pennsylvania - RTK (Right to Know) List*
Tripoli (1317-95-9)	*U.S. - New Jersey - Right to Know Hazardous Substance List*
Xylene (1330-20-7)	*U.S. - Massachusetts - Right To Know List* *U.S. - New Jersey - Right to Know Hazardous Substance List* *U.S. - Pennsylvania - RTK (Right to Know) List*
Titanium Dioxide (13463-67-7)	*U.S. - New Jersey - Right to Know Hazardous Substance List*
Quartz (14808-60-7)	*U.S. - New Jersey - Right to Know Hazardous Substance List*
Dimethyl Carbonate (616-38-6)	*U.S. - New Jersey - Right to Know Hazardous Substance List*
Acetone (67-64-1)	*U.S. - Massachusetts - Right To Know List* *U.S. - New Jersey - Right to Know Hazardous Substance List* *U.S. - Pennsylvania - RTK (Right to Know) List*
Ethanol (64-17-5)	*U.S. - New Jersey - Right to Know Hazardous Substance List*
Methanol (67-56-1)	*U.S. - New Jersey - Right to Know Hazardous Substance List* *U.S. - Pennsylvania - RTK (Right to Know) List*
Methyl Acetate (79-20-9)	*U.S. - New Jersey - Right to Know Hazardous Substance List*
Isobutyl Alcohol (78-83-1)	*U.S. - New Jersey - Right to Know Hazardous Substance List* *U.S. - Pennsylvania - RTK (Right to Know) List*
Graphite (7782-42-5)	*U.S. - New Jersey - Right to Know Hazardous Substance List*

SECTION 16 - OTHER INFORMATION

Indication of changes :

Section	*Changed item*	*Change*
1	Supersedes	Added
1	SDS US Regulation reference	Added
1	Revision date	Modified
1	Date of issue	Modified
2.1	GHS-US classification	Modified
2.2	Precautionary statements (GHS-US)	Modified
3	Composition/Information on ingredients	Modified
4	Symptoms/effects after eye contact	Modified
4	Symptoms/effects	Added
4.1	First-aid measures after skin contact	Modified
4.1	First-aid measures after eye contact	Modified
8.2	Compliance	Added
8.2	Remarks	Added
8.2	Hand Protection	Added
8.2	Environmental Exposure Controls	Added
8.2	Respiratory Protection	Added
9	Relative vapor density at 20 °C	Added
9	Melting point	Added
9	Auto-ignition temperature	Added
9	Appearance	Added
9	Flash point	Modified
9	Explosive limits (vol %)	Modified
9	Boiling point	Modified
10	Reactivity	Modified
10	Conditions to avoid	Modified
13	Additional information	Added
14	User Precautions	Added
14	EmS Code (Column 15 in IMDG Book 2)	Added
15	Select the Appropriate Proposition 65 Notice	Modified

Full Text of H-Statements :

H Code	*H Phrase*

H225	*Highly flammable liquid and vapour*
H226	*Flammable liquid and vapour*
H301	*Toxic if swallowed*
H304	*May be fatal if swallowed and enters airways*
H311	*Toxic in contact with skin*
H315	*Causes skin irritation*
H319	*Causes serious eye irritation*
H331	*Toxic if inhaled*
H332	*Harmful if inhaled*
H336	*May cause drowsiness or dizziness*
H351	*Suspected of causing cancer*
H370	*Causes damage to organs*
H372	*Causes damage to organs through prolonged or repeated exposure*
H373	*May cause damage to organs through prolonged or repeated exposure*
H401	*Toxic to aquatic life*