



SAFETY DATA SHEET

Acrylic Sealer, Solvent-Based, Satin

Revision Date

6/6/2021

SECTION – 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name Acrylic Sealer, Solvent-Based, Satin **Item**

Product Use Concrete Sealer

Company Name Direct Colors LLC **Office** (877) 255-2656 ext.1

430 E 10th St

Shawnee

OK 74801

Web www.DirectColors.com

EMERGENCY TELEPHONE NUMBER **INFOTRAC** (800) 535-5053

SECTION – 2 HAZARDS INFORMATION

Pictogram



Signal Word Danger

Hazards **PHYSICAL / HEALTH / ENVIRONMENTAL HAZARD STATEMENTS**

Flammable liquid and vapor

May be fatal if swallowed and enters airways

Causes skin irritation

May cause an allergic skin reaction

Causes serious eye irritation

May cause respiratory irritation

May cause drowsiness or dizziness

Suspected of causing cancer

Suspected of damaging fertility or the unborn child

Toxic to aquatic life

Toxic to aquatic life with long lasting effects

May cause damage to organs

brain (neurological), central nervous system

Causes damage to organs through prolonged or repeated exposure

auditory system, central nervous system, hematopoietic system (blood forming),

kidneys, liver, respiratory system

Precautions **HANDLING / PROTECTION / FIRE / STORAGE / DISPOSAL**

Keep out of reach of children

Obtain special instructions before use

Do not handle until all safety precautions have been read and understood

Keep away from heat / sparks / open flames / hot surfaces – No smoking

Keep container tightly closed

Ground / bond container and receiving equipment

Use explosion-proof electrical / ventilating / lighting /or /equipment

Use only non-sparking tools

Take precautionary measures against static discharge

Avoid breathing dust / fume / gas / mist / vapours / spray

Wash thoroughly after handling

Do not eat, drink or smoke when using this product

Use only outdoors or in a well-ventilated area

Avoid release to the environment

Wear protective gloves / protective clothing / eye protection / face protection

In case of inadequate ventilation wear respiratory protection

In case of fire: Use dry chemicals, CO2, alcohol foam. Water spray to cool or protect exposed materials

Collect spillage

Store in a well-ventilated place, Store locked up, Keep container tightly closed, Keep cool

Dispose of material in accordance with all State and Federal Guidelines and Regulations

HAZARD CATEGORY CLASSIFICATION **CODE**

Category 3 Flammable Liquids H226

Category 1 Aspiration Toxicity H304

Category 2 Skin (Corrosion / Irritation) H315

Category 1 Sensitization (Skin) H317

Category 2A Eye (Damage / Irritation) H319

Category 3 STOT Single Exposure H335

Category 3 STOT Single Exposure H336

Category 2 Carcinogenicity H351

Category 2 Toxic To Reproduction H361

Category 2 Acute Toxicity (Aquatic) H401

Category 2 Chronic Toxicity (Aquatic) H411

Category 2 STOT Single Exposure H371

Category 1 STOT Repeat Exposure H372

CODE

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P403+P405+P233+P235

P501

SECTION – 3 COMPOSITION INFORMATION

(Exact percentage of the listed chemicals of composition has been withheld as a trade secret)

| CHEMICAL NAME | COMMON NAME AND SYNONYMS | CAS # | IMPURITIES | PERCENT |
|--------------------------------|--|------------|--|----------|
| Acrylic Resin-Poly Based | | 28262-63-7 | Methyl Methacrylate ; n-Butyl Methacrylate ; Methacrylic Acid | 10 - 50% |
| Xylenes | Xylol ; Methyl Toluene ; Dimethylbenzene | 1330-20-7 | Ethylbenzene < 30% ; Benzene < 0.1% ; Toluene < 0.1% | 10 - 90% |
| Light Aromatic Solvent Naphtha | Solvent naphtha (petroleum) light aromatic | 64742-95-6 | 1,2,4-Trimethylbenzene < 27% ; Cumene < 2% m-Ethyltoluene < 15% ; 1,3,5-Trimethylbenzene < 7% 1-Ethyl-2-Methylbenzene < 9% ; p-Ethyltoluene < 7% | 10 - 90% |

SECTION – 4 FIRST AID MEASURES

| | |
|---------------------------|--|
| Eye Contact | Immediately flush eyes with cold water for several minutes while lifting upper and lower eyelids, Remove contact lenses if present and easy to do without injury to the eye and continue rinsing, If irritation persists seek medical aid |
| Skin Contact | Wash contaminated skin with plenty of soap and water, Remove any contaminated clothing and wash before reuse, If irritation is present or occurs obtain medical attention |
| Inhaled | Not applicable under normal use. If irritation is experienced, move person to fresh air |
| Ingested | DO NOT INDUCE VOMITING, rinse mouth with water, and drink small quantities of water, Call a physician, or poison control center, and get medical attention, If victim feels nauseous stop drinking, If vomiting occurs, keep head below hips to prevent aspiration into the lungs |
| Aspiration Hazard | Aspiration into the lungs can cause severe lung damage and is a medical emergency, If swallowed, vomiting may occur spontaneously, but DO NOT INDUCE. If vomiting occurs, keep head below hips to prevent aspiration into the lungs, Never give anything by mouth to an unconscious person. Call a physician or hospital emergency room immediately, If victim is drowsy or unconscious and vomiting, place on the left side with the head down. If possible, do not leave victim unattended and observe closely for adequacy of breathing |
| Important Effects | Exposure can / may affect, auditory system, central nervous system, hematopoietic system (blood forming), kidneys, liver, respiratory |
| Important Symptoms | Symptoms may include, auditory effects, central nervous system depression, liver or kidney irregularities, blood disorders, respiratory irritation |

SECTION – 5 FIRE FIGHTING MEASURES

| | |
|--------------------------------|--|
| Extinguishing Media | SUITABLE: Use DRY chemicals, CO2 or alcohol foam, Water spray to cool or protect exposed materials, UNSUITABLE: Avoid using a water stream. Product will float upon water and could spread any fire |
| Explosion Hazard | Flammable liquid and vapor, May flash or explode if ignited in an enclosed area, May form flammable or explosive vapor-air mixture, Flashback along vapor trail may occur, Containers may explode or erupt during a fire when heated excessively, Product will float and can be reignited on surface water |
| Hazardous Decomposition | Burning or thermal decomposition can produce, aldehydes, carbon oxides, toxic fumes, unburned hydrocarbons |
| Protective Equipment | Use MSHA/NIOSH approved self-contained breathing apparatus and full protective gear |

FLAMMABLE LIQUIDS HAZARD CLASSIFICATIONCriteria Flash point $\geq 23^{\circ}\text{C}$ (73°F) and $\leq 37.8^{\circ}\text{C}$ (100°F)

NFPA Class IC

GHS Category 3

WHMIS Class B-2

NFPA HAZARD RATINGS

Health 2

Flammability 3

Reactivity 0

Special Hazards

**SECTION – 6 ACCIDENTAL RELEASE MEASURES**

| | |
|-----------------------------|--|
| Emergency Procedures | Warn personnel to move away and stay upwind from spill, Stop spill or release only if it can be done safely, Keep unprotected personnel from entering the hazard area, Eliminate ignition sources and ventilate area |
| Personal Precautions | Follow all safety precautions, Wear Personal Protective Equipment, Do not walk through spill, Contaminated surfaces will be extremely slippery |
| Protective Equipment | Safety Glasses, Chemical Gloves, Approved Respirator, Chemical Apron, Rubber Boots |
| Containment | Use sand or inert non-combustible absorbent pads to prevent spill from spreading, Prevent spill from entering the environment, waterways, sewers, basements or confined areas |
| Clean Up Procedures | Use sand or inert non-combustible absorbent pads or material. Collect product using non-sparking tools and place into approved container for proper disposal |
| Disposal | Dispose of material in accordance with all State and Federal Guidelines and Regulations, Contact a licensed waste disposal contractor for proper disposal |

SECTION – 7 HANDLING AND STORAGE

| | |
|-------------------------------|---|
| Handling | Keep away from incompatible materials, heat, sparks, electrical equipment, fire and all ignition sources, Do not get in eyes, on skin, or clothing, or breathe mist, vapor or fumes, Use appropriate safety equipment, and adequate ventilation, Do not smoke, eat or drink while using, Wash thoroughly after handling, Use only non-sparking tools, Avoid free fall of liquid, Ground containers when transferring, Empty containers are very hazardous, Do not flame cut, saw or drill. Refer to NFPA-704 and/or API RP 2003 for specific bonding and grounding requirements |
| Storage | Keep container closed when not in use, Store in a cool, well-ventilated area and away from incompatible materials, Store away from heat, sparks, open flames or hot surfaces, Store below 49°C (120°F) and in accordance with Class IC Flammable Liquids (GHS Category 3) |
| Incompatible Materials | Incompatible with, alkalis, amines, halogens, ketones, nitric acid, oxidizers, strong acids, strong reducing agents |

SECTION – 8 EXPOSURE CONTROLS / PERSONAL PROTECTION**EXPOSURE LIMITS**

| CHEMICAL NAME | ACGIH (TWA 8) | ACGIH (STEL) | OSHA (TWA 8) | OSHA (CEIL) | NIOSH (TWA 10) | NIOSH (STEL) | Significant Exposure |
|--------------------------|---------------------------------|--------------|----------------------------------|----------------------------------|----------------|--------------|----------------------|
| Xylenes | 100 ppm | 150 ppm | 100 ppm (435 mg/m ³) | 150 ppm (655 mg/m ³) | 100 ppm | 150 ppm | RT,CNS |
| Acrylic Resin-Poly Based | | | (T Dust) 15 mg/m ³ | (R Dust) 5 mg/m ³ | | | RT,SS |
| 1,2,4-Trimethylbenzene | 25 ppm (125 mg/m ³) | | | | | | RT |
| Ethylbenzene | 20 ppm | | 100 ppm (435 mg/m ³) | | 100 ppm | 125 ppm | RT,SA |
| Cumene | 50 ppm | | 50 ppm (245 mg/m ³) | | 50 ppm | | SA, RT,CNS |
| Toluene | 20 ppm | | 200 ppm | 300 ppm | 100 ppm | 150 ppm | SA,CNS |

PERSONAL PROTECTION**HMIS HAZARD RATINGS**

| | |
|---------------------|---|
| Health | 2 |
| Flammability | 3 |
| Reactivity | 0 |
| Personal Protection | H |

| | |
|--------------------|---|
| Eyes | Wear safety glasses or goggles or face shield when handling / using this material |
| Hands | Wear chemical resistant impervious gloves when handling / using this material |
| Lungs | Wear a MSHA / NIOSH approved respirator at or above listed TLV's or if irritation is experienced |
| Body | "If Situation Requires" - Wear chemical resistant impervious protective clothing if exposure is considered to be likely when handling / using this material |
| Response | Access to a drench shower with eye wash station is a recommended safety precaution for handling / using this type of material |
| Ventilation | Ventilate to keep vapors of this material below the lowest ppm listed above, If over Threshold Limit Value use a MSHA / NIOSH approved respirator for organic vapor, supplied air or self-contained breathing apparatus |

SECTION – 9 PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|-----------------------------|--|--|----------|
| Flash Point | 33.8°C (92.9°F) - Pensky-Marten Closed Cup | Specific Gravity / Density | ~ 0.919 |
| Flammable Limits (v) | Lower: 1.2%, Upper: 6.8% | pH (± 0.3) | NA |
| Auto-Ignition Temp. | 473°C (833°F) | Viscosity (mm²s / cSt) | ND |
| Physical State | Viscous Liquid | Melting Point | ND |
| Appearance | Clear | Boiling Point | ND |
| Odor | Solvent | Vapor Density (air=1) | ND |
| Odor Threshold | ND | Vapor Pressure (mmHg) | ND |
| Solubility | < 0.04% | Evaporation Rate (nBuAc=1) | ND |
| Volatiles | < 83% | Partition Coefficient | ND |
| VOC | < 83% | Molecular Weight (g/mol) | ~ 100.68 |
| LVP-VOC | 0% | Decomposition Temperature | ND |

SECTION – 10 STABILITY AND REACTIVITY

| | |
|---------------------------------|---|
| Reactivity | No specific test data related to reactivity available for this product or its ingredients |
| Chemical Stability | Stable under normal ambient and anticipated conditions of use |
| Hazardous Polymerization | Will not occur |
| Conditions To Avoid | Heat sources, sparks, flame or static discharge and incompatible materials |
| Incompatible Materials | Incompatible with, alkalis, amines, halogens, ketones, nitric acid, oxidizers, strong acids, strong reducing agents |
| Hazardous Decomposition | Burning or thermal decomposition can produce, aldehydes, carbon oxides, toxic fumes, unburned hydrocarbons |

SECTION – 11 TOXICOLOGICAL INFORMATION**ROUTES OF EXPOSURE**

Eyes (Yes), Skin (Yes), Ingestion (Yes "Aspiration Hazard"), Inhalation (Yes)

ACUTE SYMPTOMS OF SINGLE OVEREXPOSURE

| | |
|-------------------|--|
| Eyes | Can cause serious eye irritation |
| Skin | May cause allergic skin reaction, Can cause skin irritation |
| Inhalation | Mist, vapor or fumes may cause, respiratory irritation, drowsiness or dizziness |
| Ingestion | May be fatal if swallowed and enters airways, Ingestion may affect target organs |

CHRONIC SYMPTOMS OF PROLONGED OR REPEATED OVEREXPOSURE

| | |
|-------------------|---|
| Eyes | Causes serious eye irritation, redness, burning, or pain |
| Skin | May cause allergic skin reaction, Causes skin irritation, defatting of the skin which may lead to dermatitis |
| Inhalation | Mist, vapor or fumes may cause, respiratory irritation, drowsiness or dizziness, Can affect target organs, auditory system, blood, liver, kidneys |
| Ingestion | May be fatal if swallowed and enters airways, Ingestion can affect, liver, kidneys, blood, auditory system, central nervous system, Symptoms may include, nausea, vomiting, abdominal pain, central nervous system depression, liver or kidney irregularities |

Acute Tox Calculated **Oral:** > 5,000 mg/kg **Dermal:** > 2,000 mg/kg **Inhaled:** > 20 mg/l

Acute Tox Category Not applicable (Oral >2,000 mg/kg), Not applicable (Dermal >2,000 mg/kg), Not applicable (Inhaled >20 mg/l) Vapors

| | |
|---------------------------|---|
| Target Organs | Blood, Kidneys, Liver, Skin, Auditory System, Eyes, Respiratory System |
| Medical Conditions | Preexisting, eye, skin, liver, kidney, central nervous system, blood, respiratory, hearing, disorders may be aggravated by exposure to this product |
| Notes to Physician | Contains petroleum distillates, vomiting may cause aspiration pneumonia |

CARCINOGENIC – This product contains concentrations above 0.1% of the following:

| CHEMICAL NAME | NTP | ACGIH | IARC | GHS Category |
|----------------------|-----------------------|---------------------------|-------------------------|---------------------|
| Ethylbenzene | | A3 (Confirmed for animal) | 2B (Possible for human) | 2 (Suspected human) |
| Cumene | R (Anticipated to be) | | 2B (Possible for human) | 2 (Suspected human) |

MUTAGENIC AND REPRODUCTIVE EFFECTS – This product contains concentrations above 0.1% of the following:

| CHEMICAL NAME | Germ Cell Mutagenicity | Toxic to Reproduction |
|----------------------|-------------------------------|---|
| Toluene | | 2 (Suspected of damaging fertility or the unborn child) |

COMPONENTS ACUTE TOXICITY

| CHEMICAL NAME | Type | Form | Subject | Result Value | Exposure Time | GHS Category |
|--------------------------------|-------------|-------------|-------------------|---------------------|----------------------|------------------------|
| Toluene | LD50 | Oral | Rat | 5,580 mg/kg | | (>2000 mg/kg) |
| | LC50 | Inhaled | Rat | 28.1 mg/l | 4 Hours (Vapor) | (>20 mg/l) |
| | LC50 | Dermal | Rabbit | 12,196 mg/kg | | (>2000 mg/kg) |
| Xylene (All Isomers) | LD50 | Oral | Rat | 4,300 mg/kg | | (>2000 mg/kg) |
| | LC50 | Inhaled | Rat | 21.7 mg/l | 4 Hours (Vapor) | (>20 mg/l) |
| | LD50 | Dermal | Rabbit | 1,700 mg/kg | | 4 (>1000, ≤2000 mg/kg) |
| Ethylbenzene | LD50 | Oral | Rat | 3,500 mg/kg | | (>2000 mg/kg) |
| | LC50 | Inhaled | Rat | 17.2 mg/l | 4 Hours (Vapor) | 4 (>10, ≤20 mg/l) |
| | LD50 | Dermal | Rat | 15,433 mg/kg | | (>2000 mg/kg) |
| 1,2,4-Trimethylbenzene | LD50 | Oral | Rat | 5,000 mg/kg | | (>2000 mg/kg) |
| | LC50 | Inhaled | Rat | 18 mg/l | 4 Hours (Vapor) | 4 (>10, ≤20 mg/l) |
| | LD50 | Dermal | Rabbit | > 3160 mg/kg | | (>2000 mg/kg) |
| Cumene | LD50 | Oral | Rat | 2,260 mg/kg | | (>2000 mg/kg) |
| | LD50 | Dermal | Rabbit | 12,300 mg/kg | | (>2000 mg/kg) |
| | LC50 | Inhaled | Mouse | 17.5 mg/l | 4 Hours (Vapor) | 4 (>10, ≤20 mg/l) |
| Light Aromatic Solvent Naphtha | LD50 | Oral | Rat | 8,400 mg/kg | | (>2000 mg/kg) |
| | LD50 | Inhaled | Rat | 20.48 mg/l | 4 Hours (Vapor) | (>20 mg/l) |
| | LD50 | Dermal | Rat | > 2,000 mg/kg | | (>2000 mg/kg) |
| Acrylic Resin-Poly Based | | | No Data Available | | | |

SECTION – 12 ECOLOGICAL INFORMATION

| CHEMICAL NAME | Type | Subject | Subject Latin | Result Value | Exposure Time | GHS Category |
|--------------------------------|-------------|----------------|--------------------------|---------------------|----------------------|---------------------|
| Toluene | LC50 | Fish | (Gambusia affinis) | 10 to 100 mg/l | 96 Hours | 3 (>10, ≤100 mg/l) |
| | LC50 | Rainbow Trout | (Oncorhynchus mykiss) | 538 mg/l | 96 Hours | 4 (>100 mg/l) |
| | EC50 | Water Flea | (Daphnia magna) | 6.56 mg/l | 48 Hours | 2 (>1, ≤10 mg/l) |
| Xylene (All Isomers) | EC50 | Water Flea | (Daphnia magna) | 8.2 mg/l | 96 Hours | 2 (>1, ≤10 mg/l) |
| | LC50 | Rainbow Trout | (Oncorhynchus mykiss) | 4 mg/l | 96 Hours | 2 (>1, ≤10 mg/l) |
| | EC50 | Water Flea | (Daphnia magna) | 1.8 mg/l | 48 Hours | 2 (>1, ≤10 mg/l) |
| Ethylbenzene | EC50 | Water Flea | (Daphnia magna) | 3.6 mg/l | 48 Hours | 2 (>1, ≤10 mg/l) |
| | LC50 | Fathead Minnow | (Pimephales promelas) | 7.72 mg/l | 96 Hours | 2 (>1, ≤10 mg/l) |
| | EC50 | Rainbow Trout | (Oncorhynchus mykiss) | 2.7 mg/l | 96 Hours | 2 (>1, ≤10 mg/l) |
| Cumene | EC50 | Algae | (Pseudokirchneriella S.) | 2.6 mg/l | 72 Hours | 2 (>1, ≤10 mg/l) |
| | EC50 | Water Flea | (Daphnia magna) | 10.6 mg/l | 48 Hours | 3 (>10, ≤100 mg/l) |
| | LC50 | Rainbow Trout | (Oncorhynchus mykiss) | 9.2 mg/l | 96 Hours | 2 (>1, ≤10 mg/l) |
| Light Aromatic Solvent Naphtha | LC50 | Water Flea | (Daphnia magna) | 6.14 mg/l | 48 Hours | 2 (>1, ≤10 mg/l) |
| | LC50 | Water Flea | (Daphnia magna) | | | |
| Acrylic Resin-Poly Based | | | No Data Available | | | |

| | |
|--------------------------------------|--|
| Presistence And Degradability | Hydrocarbons from this product which do partition to air are expected to rapidly photodegrade |
| Bioaccumulative Potential | There is no evidence to suggest bioaccumulation will occur |
| Mobility In Soil | Low solubility and floats and is expected to migrate from water to land, Expected to partition to sediment and wastewater solids |
| Other Adverse Effects | Toxic to aquatic life with long lasting effects |

SECTION – 13 DISPOSAL CONSIDERATIONS


| | |
|---------------------------|---|
| Disposal Statement | DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER Dispose of any waste in accordance with all State and Federal Guidelines and Regulations |
| Container Disposal | Empty containers retain product residue (vapors, liquid or solid) observe all precautions when handling, Empty drums should be returned to distributor or taken to an approved waste handling site for recycling or disposal |
| Material Disposal | This material as supplied, when discarded or disposed of, is a hazardous waste according to Federal Regulations (40 CFR 261) due to its ignitability and due to the composition containing in some or all of its components, Under RCRA rules, it is the responsibility of the user of the product to determine, at the time of disposal, whether the material is a hazardous waste, The transportation, storage, treatment and disposal of RCRA waster material must be conducted in compliance with 40 CFR 262, 263, 264 and 270, Disposal can only occur in properly permitted facilities, Chemical additions, processing or otherwise altering this material may make the waste management information presented in this SDS incomplete, inaccurate, or otherwise inappropriate |

SECTION – 14 TRANSPORT INFORMATION**DOT CLASSIFICATION****UN Number**

UN 1268

Proper Shipping Name n.o.s. (Chemicals) or "Limits"

PETROLEUM DISTILLATES, n.o.s. (Xylenes, Hydrocarbons)

| Hazard Class | Packing Group | Label Codes | Reportable Quantity (lb) | Response | Marine Pollutant | Hazard Label | Secondary |
|---------------------|----------------------|--------------------|---------------------------------|-----------------|-------------------------|---|------------------|
| 3 | III | Flammable Liquid | (317) = Xylenes | 128 | No |  | |

Additional Info:**SECTION – 15 REGULATORY INFORMATION****TSCA**

| CHEMICAL NAME | Sec 8(b) Active Inventory | Sec 8(d) Health And Safety | Sec 4(a) Chemical Test Rules | Sec 12(b) Export Notification |
|--------------------------------|----------------------------------|-----------------------------------|-------------------------------------|--------------------------------------|
| Xylene (All Isomers) | Yes | | | |
| Light Aromatic Solvent Naphtha | Yes | | | |
| 1,2,4-Trimethylbenzene | Yes | | | |
| Ethylbenzene | Yes | | | |
| Cumene | Yes | | | |
| Toluene | Yes | Yes | | |

REPORTABLE QUANTITIES

| CHEMICAL NAME | Extremely Hazardous | Reportable Quantity | Emission Reporting | RCRA Code | RMP TQ Sec 112r |
|------------------------|----------------------------|----------------------------|---------------------------|--------------------|------------------------|
| | EPCRA TPQ Sec 302 | EPCRA RQ Sec 304 | CERCLA RQ Sec 103 | TRI Sec 313 | |
| Toluene | | | 1000 | Yes | U220 |
| Xylene (All Isomers) | | | 100 | Yes | U239 |
| Ethylbenzene | | | 1000 | Yes | |
| Cumene | | | 5000 | Yes | U055 |
| 1,2,4-Trimethylbenzene | | | | Yes | |

SARA

| CHEMICAL NAME | Section 311 | Section 311 / 312 Hazards | Pressure | Reactive |
|--------------------------------|---------------------------|----------------------------------|-----------------|------------------|
| | Hazardous Chemical | Acute | Chronic | Flammable |
| Xylene (All Isomers) | Yes | Yes | Yes | Yes |
| Light Aromatic Solvent Naphtha | Yes | Yes | | Yes |
| 1,2,4-Trimethylbenzene | Yes | Yes | Yes | Yes |
| Ethylbenzene | Yes | Yes | Yes | Yes |
| Cumene | Yes | Yes | Yes | Yes |
| Toluene | Yes | Yes | Yes | Yes |

RIGHT TO KNOW

| CHEMICAL NAME | CA | CT | FL | IL | LA | STATE | NJ | NY | PA | MI | MN | MA | RI | WI |
|--------------------------------|-----------|-----------|-----------|-----------|-----------|--------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Xylene (All Isomers) | | | | | | | Yes | | Yes | | | Yes | Yes | |
| Light Aromatic Solvent Naphtha | | | | | | | Yes | | Yes | | | | | |
| 1,2,4-Trimethylbenzene | | | | | | | Yes | | Yes | | | Yes | | |
| Ethylbenzene | | | | | | | Yes | | Yes | | | Yes | | |
| Cumene | | | | | | | Yes | | | | | Yes | | |
| Toluene | Yes | | Yes | | | | Yes | | Yes | | Yes | Yes | | Yes |

CALIFORNIA

WARNING: This Product can expose you to chemicals (Listed below) known to the State of California to cause cancer, birth defects or reproductive harm. For more information go to www.P65Warnings.ca.gov

| CHEMICAL NAME | CAS # | Birth Defects | Reproductive Harm | Carcinogen | Developmental |
|----------------------|--------------|----------------------|--------------------------|-------------------|----------------------|
| Toluene | 108-88-3 | | Yes | | Yes |
| Ethylbenzene | 100-41-4 | | | Yes | |
| Cumene | 98-82-8 | | | Yes | |

CLEAN AIR WATER ACTS

| CHEMICAL NAME | CAS # | Clean Air Acts | | | Clean Water Acts | | |
|----------------------|-----------|----------------|---------------|---------------|------------------|-----|-----|
| | | HAP | Ozone Class 1 | Ozone Class 2 | HS | PP | TP |
| Toluene | 108-88-3 | | | | Yes | Yes | Yes |
| Ethylbenzene | 100-41-4 | Yes | | | Yes | Yes | Yes |
| Xylene (All Isomers) | 1330-20-7 | Yes | | | Yes | | |
| Cumene | 98-82-8 | | | | Yes (Oil) | Yes | Yes |

INTERNATIONAL REGULATIONS – The components of this product are listed on the chemical inventories of the following countries:

| CHEMICAL NAME | Australia | Canada | Europe (EINECS) | Japan | Korea | UK |
|--------------------------------|-----------|--------|-----------------|-------|-------|-----|
| Xylene (All Isomers) | Yes | Yes | Yes | Yes | Yes | Yes |
| Light Aromatic Solvent Naphtha | Yes | Yes | Yes | Yes | Yes | Yes |
| 1,2,4-Trimethylbenzene | Yes | Yes | Yes | Yes | Yes | Yes |
| Ethylbenzene | Yes | Yes | Yes | Yes | Yes | Yes |
| Cumene | Yes | Yes | Yes | Yes | Yes | Yes |
| Toluene | Yes | Yes | Yes | Yes | Yes | Yes |

SECTION – 16 OTHER INFORMATION**SDS LEGEND DESCRIPTION**

| | | | |
|---------|---|-------|--|
| ~ | Approximately | KD | Kidney Damage (nephropathy) |
| ACGIH | American Conference of Governmental Industrial Hygienists | LC50 | A concentration that is lethal to 50% of a given species in a given time |
| CAS | Chemical Abstracts Service Registry | LD50 | Dose that is lethal to 50% of a given species by a given route of exposure |
| CEIL | Ceiling Limit (15 minutes) | LEL | Lower Explosive Limit |
| CERCLA | Comprehensive Environmental Response, Compensation, and Liability Act | LD | Liver Damage |
| CI | Cochlear Impairment | NA | Not Applicable |
| CNS | Central Nervous System | ND | Not Determined |
| EC50 | Concentration of a chemical that gives half-maximal response | NE | Not Established |
| EPA | Environmental Protection Agency | NFPA | National Fire Protection Association |
| Eye | (EI = Irritation) (ED = Damage) (EV = Visual Impairment) | NIOSH | National Institute for Occupational Safety and Health |
| FBG | Full Bunker Gear | NTP | National Toxicology Program |
| GHS | Globally Harmonized System | OSHA | Occupational Safety and Health Administration |
| HAP | California Hazardous Air Pollutant Clean Air Act | PEL | Permissible Exposure Limit (OSHA) |
| HMIS-A | Safety glasses | PNS | Peripheral Nervous System |
| HMIS-B | Safety glasses, gloves | PP | California Priority Pollutant under the Clean Water Act |
| HMIS-C | Safety glasses, gloves, chemical apron | REL | Recommended exposure limit (NIOSH) |
| HMIS-D | Face shield, gloves, chemical apron | RT | Upper Respiratory Tract |
| HMIS-E | Safety glasses, gloves, dust respirator | Skin | (SI = Irritation) (SD = Damage) (SA = Absorption) (SS = Sensitizer) |
| HMIS-F | Safety glasses, gloves, chemical apron, dust respirator | SARA | Superfund Amendments and Reauthorization Act |
| HMIS-G | Safety glasses, gloves, vapor respirator | STEL | Short Term Exposure Limit (15 minutes) |
| HMIS-H | Splash goggles, gloves, chemical apron, vapor respirator | TC Lo | Lowest concentration that is toxic to a given species in a given time |
| HMIS-I | Safety glasses, gloves, dust and vapor respirator | TD Lo | Lowest dose that is toxic to a given species |
| HMIS-J | Splash goggles, gloves, chemical apron, dust and vapor respirator | TLV | Threshold Limit Value (ACGIH) |
| HMIS-K | Air line hood or mask, gloves, full chemical suit, boots | TP | California Toxic Pollutant under the Clean Water Act |
| HMIS-X | Ask Supervisor | TSCA | Toxic Substances Control Act |
| HS | California Hazardous Substance under the Clean Water Act | TWA | Time Weighted Average (8 hours) - NOISH (10 hours) |
| IG / IH | (IG = Ingested) / (IH = Inhaled - Vapors / Mists / Gas) | UEL | Upper Explosive Limit |

Direct Colors LLC

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