

Epoxy Primer/Sealer Black

SAFETY DATA SHEET

X-L32001, 32004

SECTION I - IDENTIFICATION

| | |
|--------------------------------------|----------------------------|
| Product identifier | Epoxy Primer Black |
| Other means of identification | |
| Product code | X-L32001, X-L32004 |
| Recommended use | Epoxy Primer/Sealer |
| Recommended restrictions | No other uses are advised. |

Manufacturer/Importer/Supplier/Distributor information

Manufacturer

| | |
|---------------------|--|
| Company name | Excel Autobody Products |
| Address | 2921 Syene Road Madison, WI 53713 United States |
| Telephone | PRODUCT INFORMATION: (800) 957-0848 EMERGENCY TELEPHONE: 1-800-424-9300 |

SECTION II - HAZARD(S) IDENTIFICATION

| | | |
|------------------------------|--|-------------|
| Physical hazards | Flammable liquids | Category 2 |
| Health hazards | Skin corrosion/irritation | Category 2 |
| | Serious eye damage/eye irritation | Category 2A |
| | Germ cell mutagenicity | Category 2 |
| | Carcinogenicity | Category 1A |
| | Reproductive toxicity | Category 2 |
| | Specific target organ toxicity, repeated exposure | Category 1 |
| Environmental hazards | Hazardous to the aquatic environment, acute hazard | Category 3 |
| | Hazardous to the aquatic environment, long-term hazard | Category 3 |
| OSHA defined hazards | Not classified. | |
| Label elements | | |



Signal word Danger

Hazard statement Highly flammable liquid and vapor. Causes skin irritation. Causes serious eye irritation. Suspected of causing genetic defects. May cause cancer. Suspected of damaging fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure. Harmful to aquatic life with long lasting effects.

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Precautionary statement**Prevention**

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 equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe mist or vapor. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.

Response

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed or concerned: Get medical advice/attention. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash before reuse. In case of fire: Use appropriate media to extinguish.

Storage

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

Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise

Static accumulating flammable liquid can become electrostatically charged even in bonded and

Supplemental information

16.9% of the mixture consists of component(s) of unknown acute oral toxicity. 18.56% of the mixture consists of component(s) of unknown acute dermal toxicity. 93.21% of the mixture consists of component(s) of unknown acute inhalation toxicity. 18.67% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 18.67% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.

SECTION III - COMPOSITION/INFORMATION ON INGREDIENTS**Mixtures**

| Chemical name CAS number | %Common name and synonyms |
|---------------------------------|---------------------------|
| Calcium Carbonate 65-3 | 10 - < 301317- |
| Barium Sulfate 43-7 | 10 - < 207727- |
| Isobutyl Acetate 0 | 10 - < 20110-19- |
| Methyl Ethyl Ketone 3 | 10 - < 2078-93- |
| Isopropanol | 5< 1067-63-0 |
| Carbon Black 4 | 0< 51333-86- |
| Vinyl Chloride (Chloroethylene) | 0< 575-01-4 |
| Xylene 7 | 0< 51330-20- |
| Crystalline Quartz 60-7 | 0< 114808- |
| Ethylbenzene | 0< 1100-41-4 |
| Isobutyl Alcohol | 0< 178-83-1 |
| Magnesium oxide 4 | 0< 11309-48- |
| Maleic Anhydride | 0< 1108-31-6 |
| N-Butyl Alcohol | 0< 171-36-3 |

SECTION IV - FIRST-AID MEASURES**Inhalation**

Move to fresh air. Call a physician if symptoms develop or persist.

Skin contact

Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

Eye contact

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

Ingestion

Rinse mouth. Get medical attention if symptoms occur.

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Most important symptoms/effects, acute and delayed

Headache. Dizziness. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. Prolonged exposure may cause chronic effects.

Indication of immediate medical attention and special treatment needed

Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim under observation. Symptoms may be delayed.

General information

Take off all contaminated clothing immediately. IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse.

SECTION V - FIRE-FIGHTING MEASURES

Suitable extinguishing media Unsuitable extinguishing media Specific hazards arising from

Water fog. Foam. Carbon dioxide (CO₂). Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.

Do not use water jet as an extinguisher, as this will spread the fire.

Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. This product is a poor conductor of electricity and can become electrostatically charged. If sufficient charge is accumulated, ignition of flammable mixtures can occur. To reduce potential for static discharge, use proper bonding and grounding procedures. This liquid may accumulate static electricity when filling properly grounded containers. Static electricity accumulation may be significantly increased by the presence of small quantities of water or other contaminants. Material will float and may ignite on surface of water. During fire, gases hazardous to health may be formed.

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

the chemical Special protective equipment and precautions for firefighters

In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.

Fire fighting equipment/instructions

Use standard firefighting procedures and consider the hazards of other involved materials.

Specific methods

Highly flammable liquid and vapor.

SECTION VI - ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Use appropriate containment to avoid environmental contamination. Transfer by mechanical means such as vacuum truck to a salvage tank or other suitable container for recovery or safe disposal. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Take precautionary measures against static discharge. Use only non-sparking tools. Prevent product from entering drains.

Methods and materials for containment and cleaning up Environmental precautions

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.

Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. Put material in suitable, covered, labeled containers. For waste disposal, see section 13 of the SDS.

Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Use appropriate containment to avoid environmental contamination.

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SECTION VII - HANDLING AND STORAGE

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Explosion-proof general and local exhaust ventilation. Minimize fire risks from flammable and combustible materials (including combustible dust and static accumulating liquids) or dangerous reactions with incompatible materials. Handling operations that can promote accumulation of static charges include but are not limited to: mixing, filtering, pumping at high flow rates, splash filling, creating mists or sprays, tank and container filling, tank cleaning, sampling, gauging, switch loading, vacuum truck operations. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Do not breathe mist or vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. When using, do not eat, drink or smoke. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices.

For additional information on equipment bonding and grounding, refer to the Canadian Electrical Code in Canada, (CSA C22.1), or the American Petroleum Institute (API) Recommended Practice 2003, "Protection Against Ignitions Arising out of Static, Lightning, and Stray Currents" or National Fire Protection Association (NFPA) 77, "Recommended Practice on Static Electricity" or National Fire Protection Association (NFPA) 70, "National Electrical Code".

Precautions for safe handling Conditions for safe storage, including any incompatibilities

Store locked up. Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Eliminate sources of ignition. Avoid spark promoters. Ground/bond container and equipment. These alone may be insufficient to remove static electricity. Store in a cool, dry place out of direct sunlight. Store in original tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limits

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

| Components | Type | Value |
|--|------|-------|
| Vinyl Chloride (Chloroethylene (CAS 75-01-4) | STEL | 5 ppm |
| | TWA | 1 ppm |

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

| Components | Type | Value | Form |
|---|------|-----------------------|----------------------|
| Barium Sulfate (CAS 7727-43-7) | PEL | 5 mg/m ³ | Respirable fraction. |
| Calcium Carbonate (CAS 1317-65-3) | PEL | 15 mg/m ³ | Total dust. |
| | | 5 mg/m ³ | Respirable fraction. |
| Carbon Black (CAS 1333-86-4) Isobutyl Acetate (CAS 110-19-0) | PEL | 15 mg/m ³ | Total dust. |
| | | 3.5 mg/m ³ | |
| Methyl Ethyl Ketone (CAS 78-93-3) | PEL | 700 mg/m ³ | |
| Xylene (CAS 1330-20-7) | PEL | 150 ppm | |
| | | 590 mg/m ³ | |

US. OSHA Table Z-2 (29 CFR 1910.1000)

| | | |
|--|-----|-----------------------|
| | | 200 ppm |
| | PEL | 435 mg/m ³ |
| | | 100 ppm |

| Components | Type | Value |
|------------------------|---------|---------|
| Toluene (CAS 108-88-3) | Ceiling | 300 ppm |
| | TWA | 200 ppm |

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US. OSHA Table Z-3 (29 CFR 1910.1000)

| Components | Type | Value | Form |
|--------------------------------|------|----------------------------------|----------------------|
| Barium Sulfate (CAS 7727-43-7) | TWA | 5 mg/m ³ | Respirable fraction. |
| | | 15 mg/m ³ Total dust. | |
| | | 50 mppcf Total dust. | |
| | | 15 mppcf Respirable fraction. | |

US. ACGIH Threshold Limit Values

| Components | Type | Value | Form |
|--|------|---------------------|---------------------|
| Barium Sulfate (CAS 7727-43-7) | TWA | 5 mg/m ³ | Inhalable fraction. |
| Carbon Black (CAS 1333-86-4) | TWA | 3 mg/m ³ | Inhalable fraction. |
| Isobutyl Acetate (CAS 110-19-0) | STEL | 150 ppm | |
| Methyl Ethyl Ketone (CAS 78-93-3) | TWA | 50 ppm | |
| | STEL | 300 ppm | |
| Toluene (CAS 108-88-3) | TWA | 200 ppm | |
| Vinyl Chloride (Chloroethylene (CAS 75-01-4) | TWA | 20 ppm | |
| | TWA | 1 ppm | |
| Xylene (CAS 1330-20-7) | STEL | 150 ppm | |
| | TWA | 100 ppm | |

US. NIOSH: Pocket Guide to Chemical Hazards

| Components | Type | Value | Form |
|-----------------------------------|------|---|-------------|
| Barium Sulfate (CAS 7727-43-7) | TWA | 5 mg/m ³ | Respirable. |
| Calcium Carbonate (CAS 1317-65-3) | TWA | 10 mg/m ³ Total 5 mg/m ³ | Respirable. |
| Carbon Black (CAS 1333-86-4) | TWA | 10 mg/m ³ Total 0.1 mg/m ³ | |
| Isobutyl Acetate (CAS 110-19-0) | TWA | 700 mg/m ³ | |
| Methyl Ethyl Ketone (CAS 78-93-3) | STEL | 150 ppm 885 mg/m ³ | |
| | TWA | 300 ppm 590 mg/m ³ 200 ppm | |
| Toluene (CAS 108-88-3) | STEL | 560 mg/m ³ 150 ppm | |
| | TWA | 375 mg/m ³ 100 ppm | |

Biological limit values**ACGIH Biological Exposure Indices**

| Components | Value | Determinant | Specimen | Sampling Time |
|-----------------------------------|-----------|---------------------------|---------------|---------------|
| Methyl Ethyl Ketone (CAS 78-93-3) | 2 mg/l | MEK | Urine | * |
| Toluene (CAS 108-88-3) | 0.3 mg/g | o-Cresol, with hydrolysis | Creatinine in | * |
| | 0.03 mg/l | Toluene | Urine | * |
| | 0.02 mg/l | Toluene | Blood | * |
| Xylene (CAS 1330-20-7) | 1.5 g/g | Methylhippuric acids | Creatinine in | * |

* - For sampling details, please see the source document.

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Exposure guidelines**US - California OELs: Skin designation**

Toluene (CAS 108-88-3)

Can be absorbed through the skin.

Vinyl Chloride (Chloroethylene (CAS 75-01-4)

Can be absorbed through the skin.

US - Minnesota Haz Subs: Skin designation applies

Toluene (CAS 108-88-3)

Skin designation applies.

Appropriate engineering controls

Explosion-proof general and local exhaust ventilation. Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station. Eye wash fountain and emergency showers are recommended.

Individual protection measures, such as personal protective equipment**Eye/face protection**

Chemical respirator with organic vapor cartridge and full facepiece.

Skin protection Hand protection

Wear appropriate chemical resistant gloves.

Other

Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

Respiratory protection

Chemical respirator with organic vapor cartridge and full facepiece.

Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

**General hygiene considerations**

Observe any medical surveillance requirements. When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES**Appearance****Physical state** Liquid.**Form** Liquid.**Color** Black**Odor** Solvent.**Odor threshold** Not available. **pH****Melting point/freezing point** -145.84 °F (-98.8 °C) estimated**Initial boiling point and boiling range** 175.26 °F (79.59 °C) estimated**Flash point** 15.8 °F (-9.0 °C) estimated**Flammability (solid, gas)** Not applicable.**Upper/lower flammability or explosive limits****Flammability limit - lower (%)** 1.8 % estimated**Flammability limit - upper (%)** 10.5 % estimated**Explosive limit - lower (%)** Not available.**Explosive limit - upper (%)** Not available.**Vapor pressure** 46.09 hPa estimated**Vapor density** Not available.**Relative density** Not available.**Solubility(ies)****Solubility (water)** Not available.

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| | |
|----------------------------------|--|
| Partition coefficient | Not available. |
| Auto-ignition temperature | 759.2 °F (404 °C) estimated |
| Decomposition temperature | Not available. |
| Viscosity | Not available. |
| Other information | |
| Density | 1.52 g/cm ³ estimated |
| Explosive properties | Not explosive. |
| Flammability class | Flammable IB estimated |
| Oxidizing properties | Not oxidizing. |
| Percent volatile | 43.16 w/w % By Weight 62.06 v/v % By Volume |
| Specific gravity | 1.52 estimated |

SECTION X - STABILITY AND REACTIVITY

| | |
|---|--|
| Reactivity | The product is stable and non-reactive under normal conditions of use, storage and transport. |
| Chemical stability | Material is stable under normal conditions. |
| Possibility of hazardous reactions | Hazardous polymerization does not occur. |
| Conditions to avoid | Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials. |
| Incompatible materials | Strong oxidizing agents. |
| Hazardous decomposition products | No hazardous decomposition products are known. |

SECTION XI - TOXICOLOGICAL INFORMATION

| | |
|---|---|
| Inhalation | May cause damage to organs through prolonged or repeated exposure by inhalation. |
| Skin contact | Causes skin irritation. |
| Eye contact | Causes serious eye irritation. |
| Ingestion | Expected to be a low ingestion hazard. |
| Symptoms related to the physical, chemical and toxicological characteristics | Headache. Dizziness. Severe eye irritation. Symptoms may include stinging, tearing, redness, swell- |

Information on toxicological effects Acute toxicity

Not known.

| | | <u>Test Results</u> |
|-----------------------------------|-----|---------------------|
| Methyl Ethyl Ketone (CAS 78-93-3) | | |
| Acute | | |
| Oral | | |
| LD50 | Rat | 2300 - 3500 mg/kg |
| Xylene (CAS 1330-20-7) | | |
| Acute | | |
| Oral | | |
| LD50 | Rat | 3523 - 8600 mg/kg |

* Estimates for product may be based on additional component data not shown.

Skin corrosion/irritation Causes serious eye irritation.

Serious eye damage/eye irritation

Respiratory or skin sensitization

Causes skin irritation.

Respiratory sensitization Not a respiratory sensitizer. **Skin sensi-**

tization **Germ cell mutagenicity** This product is not expected to cause skin sensitization.

Material name: Epoxy Primer Black

Suspected of causing genetic defects.

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CarcinogenicityMay cause cancer. **IARC Monographs. Overall Evaluation of Carcinogenicity**

| | |
|--|---|
| Carbon Black (CAS 1333-86-4) | 2B Possibly carcinogenic to humans. |
| Toluene (CAS 108-88-3) | 3 Not classifiable as to carcinogenicity to humans. |
| Vinyl Chloride (Chloroethylene (CAS 75-01-4) | 1 Carcinogenic to humans. |
| Xylene (CAS 1330-20-7) | 3 Not classifiable as to carcinogenicity to humans. |

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

| | |
|--|--------|
| Vinyl Chloride (Chloroethylene (CAS 75-01-4) | Cancer |
|--|--------|

US. National Toxicology Program (NTP) Report on Carcinogens

| | |
|--|-------------------------------|
| Vinyl Chloride (Chloroethylene (CAS 75-01-4) | Known To Be Human Carcinogen. |
|--|-------------------------------|

Reproductive toxicity

Suspected of damaging fertility or the unborn child.

**Specific target organ toxicity
-single exposure**

Not classified.

**Specific target organ toxicity
-repeated exposure**

Causes damage to organs through prolonged or repeated exposure.

Aspiration hazard

Not an aspiration hazard.

Chronic effects

Causes damage to organs through prolonged or repeated exposure. Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects.

SECTION XII - ECOLOGICAL INFORMATION**Ecotoxicity**

Harmful to aquatic life with long lasting effects.

| Components | Species | Test Results |
|-----------------------------------|---------|---|
| Barium Sulfate (CAS 7727-43-7) | | |
| Aquatic | | |
| Crustacea | EC50 | Tubificid worm (Tubifex tubifex) |
| Methyl Ethyl Ketone (CAS 78-93-3) | | 28.61 - 38.03 mg/l, 48 hours |
| Aquatic | | |
| Crustacea | EC50 | Water flea (Daphnia magna) |
| Fish | LC50 | Sheepshead minnow (Cyprinodon variegatus) |
| Toluene (CAS 108-88-3) | | > 400 mg/l, 96 hours |
| Aquatic | | |
| Crustacea | EC50 | Water flea (Daphnia magna) |
| | LC50 | Coho salmon, silver salmon (Oncorhynchus kisutch) |
| Xylene (CAS 1330-20-7) | | 5.46 - 9.83 mg/l, 48 hours |
| Aquatic | | |
| Fish | LC50 | Bluegill (Lepomis macrochirus) |
| | | 7.711 - 9.591 mg/l, 96 hours |

* Estimates for product may be based on additional component data not shown.

Persistence and degradability**Bioaccumulative potential****Partition coefficient n-octanol / water (log Kow)**

| | |
|---------------------|------------|
| Isobutyl Acetate | 1.78 |
| Methyl Ethyl Ketone | 0.29 |
| Toluene | 2.73 |
| Xylene | 3.12 - 3.2 |

Mobility in soil

No data available.

Other adverse effects

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

SECTION XIII - DISPOSAL CONSIDERATIONS**Disposal instructions**

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

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| | |
|--|--|
| Local disposal regulations | Dispose in accordance with all applicable regulations. |
| Hazardous waste code | The waste code should be assigned in discussion between the user, the producer and the waste disposal company. |
| Waste from residues / unused products | Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions). |
| Contaminated packaging | Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal. |

SECTION XIV - TRANSPORT INFORMATION

The following transportation information is provided based on the manufacturer's interpretation of shipping regulations. Each shipper is responsible for identifying, naming, marking, and labeling prior to offering for transport.

DOT

| | |
|-------------------------------------|---|
| UN number | UN1263 |
| UN proper shipping name | Paint related material including paint thinning, drying, removing, or reducing compound |
| Transport hazard class(es) | |
| Class | 3 |
| Subsidiary risk | - |
| Label(s) | 3 |
| Packing group | II |
| Special precautions for user | Read safety instructions, SDS and emergency procedures before handling. |
| Special provisions | 149, B52, IB2, T4, TP1, TP8, TP28 |
| Packaging exceptions | 150 |
| Packaging non bulk | 173 |
| Packaging bulk | 242 |

IATA

| | |
|-------------------------------------|---|
| UN number | UN1263 |
| UN proper shipping name | Paint related material (including paint thinning or reducing compounds) |
| Transport hazard class(es) | |
| Class | 3 |
| Subsidiary risk | - |
| Packing group | II |
| Environmental hazards | No. |
| ERG Code | 3L |
| Special precautions for user | Read safety instructions, SDS and emergency procedures before handling. |
| Other information | |
| Passenger and cargo aircraft | Allowed with restrictions. |
| Cargo aircraft only | Allowed with restrictions. |

IMDG

| | |
|---|--|
| UN number | UN1263 |
| UN proper shipping name | PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning or reducing compound) |
| Transport hazard class(es) | |
| Class | 3 |
| Subsidiary risk | - |
| Packing group | II |
| Environmental hazards | Marine |
| pollutant | No. |
| EmS | F-E, S□-E□ |
| Special precautions for user | Read safety instructions, SDS and emergency procedures before handling. |
| Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code | Not established. |

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DOT



IATA; IMDG



SECTION XV - REGULATORY INFORMATION

US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

| | |
|--|---------|
| Barium Sulfate (CAS 7727-43-7) | Listed. |
| Isobutyl Acetate (CAS 110-19-0) | Listed. |
| Methyl Ethyl Ketone (CAS 78-93-3) | Listed. |
| Toluene (CAS 108-88-3) | Listed. |
| Vinyl Chloride (Chloroethylene (CAS 75-01-4) | Listed. |
| Xylene (CAS 1330-20-7) | Listed. |

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

| | |
|--|------------------------|
| Vinyl Chloride (Chloroethylene (CAS 75-01-4) | Cancer |
| | Central nervous system |
| | Liver |
| | Blood |
| | Flammability |

Superfund Amendments and Reauthorization Act of 1986 (SARA)

| | |
|--------------------------|------------------------|
| Hazard categories | Immediate Hazard - Yes |
| | Delayed Hazard - Yes |
| | Fire Hazard - Yes |
| | Pressure Hazard - No |
| | Reactivity Hazard - No |

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical No

| Chemical name | CAS number | % by wt. |
|---------------------------------|------------|----------|
| Toluene | 108-88-3 | 0 - < 1 |
| Vinyl Chloride (Chloroethylene) | 75-01-4 | 0 < 5 |
| Xylene | 1330-20-7 | 0 < 5 |

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Toluene (CAS 108-88-3)

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Vinyl Chloride (Chloroethylene (CAS 75-01-4)
Xylene (CAS 1330-20-7)

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Vinyl Chloride (Chloroethylene (CAS 75-01-4)

Safe Drinking Water Act (SDWA) Not regulated.

Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and Chemical Code Number

Methyl Ethyl Ketone (CAS 78-93-3) 6714
Toluene (CAS 108-88-3) 6594

Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))

Methyl Ethyl Ketone (CAS 78-93-3) 35 %WV
Toluene (CAS 108-88-3) 35 %WV

DEA Exempt Chemical Mixtures Code Number

Methyl Ethyl Ketone (CAS 78-93-3) 6714
Toluene (CAS 108-88-3) 594

FEMA Priority Substances Respiratory Health and Safety in the Flavor Manufacturing Workplace

Isobutyl Acetate (CAS 110-19-0) Low priority
Methyl Ethyl Ketone (CAS 78-93-3) Low priority

US state regulations WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

US - California Proposition 65 - CRT: Listed date/Carcinogenic substance

Carbon Black (CAS 1333-86-4) Listed: February 21, 2003
Crystalline Quartz (CAS 14808-60-7) Listed: October 1, 1988
Ethylbenzene (CAS 100-41-4) Listed: June 11, 2004
Vinyl Chloride (Chloroethylene (CAS 75-01-4) Listed: February 27, 1987

US - California Proposition 65 - CRT: Listed date/Developmental toxin

Toluene (CAS 108-88-3) Listed: January 1, 1991

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))

Carbon Black (CAS 1333-86-4)
Methyl Ethyl Ketone (CAS 78-93-3)
Toluene (CAS 108-88-3)
Vinyl Chloride (Chloroethylene (CAS 75-01-4)
Xylene (CAS 1330-20-7)

International Inventories

| Country(s) or region | Inventory name | On inventory (yes/no)* |
|-----------------------------|--|------------------------|
| Australia | Australian Inventory of Chemical Substances (AICS) | No |
| Canada | Domestic Substances List (DSL) | No |
| Canada | Non-Domestic Substances List (NDSL) | Yes |
| China | Inventory of Existing Chemical Substances in China (IECSC) | Yes |
| Europe | European Inventory of Existing Commercial Chemical Substances (EINECS) | No |
| Europe | European List of Notified Chemical Substances (ELINCS) | No |
| Japan | Inventory of Existing and New Chemical Substances (ENCS) | No |
| Korea | Existing Chemicals List (ECL) | Yes |
| New Zealand | New Zealand Inventory | Yes |
| Philippines | Philippine Inventory of Chemicals and Chemical Substances (PICCS) | No |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory | No |

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s) A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

SECTION XVI - OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Issue date 03-09-2016
Revision date 09-22-2017
Version # 03



Epoxy Primer/Sealer Black
SAFETY DATA SHEET

X-L32001, 32004

Disclaimer

Our Company cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use.

Revision information

Physical & Chemical Properties: Multiple Properties

