

SAFETY DATA SHEET

1. Identification

| | | | |
|---|--|----------------|--|
| Product identifier | REPAIR AND REFINISHING SPRAY | | |
| Other means of identification | | | |
| Product Code | All colors/custom match | | |
| Recommended use | N/A | | |
| Manufacturer/Importer/Supplier/Distributor information | | | |
| Manufacturer | | | |
| Company name | Multi-Tech Products Corp. | | |
| Address | 41519 Cherry Street Murrieta, CA 92562 United States | | |
| Telephone | Phone | (951) 834-9066 | |
| Website | surface-repair.com | | |
| E-mail | orders@multitechproducts.com | | |
| Emergency phone number | Chemtrec Phone | 800-424-9300 | |

2. Hazard(s) identification

| | | |
|------------------------------|--|-----------------------------|
| Physical hazards | Flammable aerosols | Category 1 |
| | Gases under pressure | Liquefied gas |
| Health hazards | Serious eye damage/eye irritation | Category 2A |
| | Carcinogenicity | Category 2 |
| | Reproductive toxicity | Category 1 |
| | Specific target organ toxicity, single exposure | Category 3 narcotic effects |
| | Specific target organ toxicity, repeated exposure | Category 1 |
| Environmental hazards | Hazardous to the aquatic environment, acute hazard | Category 2 |
| | Hazardous to the aquatic environment, long-term hazard | Category 3 |
| OSHA defined hazards | Not classified. | |

Label elements



| | |
|--------------------------------|---|
| Signal word | Danger |
| Hazard statement | Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Causes serious eye irritation. May cause drowsiness or dizziness. Suspected of causing cancer. May damage fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure. Toxic to aquatic life. Harmful to aquatic life with long lasting effects. |
| 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. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Do not breathe mist or vapor. 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. |
| Response | If inhaled: Remove person to fresh air and keep comfortable for breathing. 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. Call a poison center/doctor if you feel unwell. If eye irritation persists: Get medical advice/attention. |

| | |
|--|---|
| Storage | Store in a well-ventilated place. Keep container tightly closed. Store locked up. Protect from sunlight. Store in a well-ventilated place. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. |
| Disposal | Dispose of contents/container in accordance with local/regional/national/international regulations. |
| Hazard(s) not otherwise classified (HNOC) | None known. |
| Supplemental information | 56.53% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 56.53% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment. |

3. Composition/information on ingredients

Mixtures

| Chemical name | Common name and synonyms | CAS number | % |
|--|--------------------------|------------|-----------|
| ACETONE | | 67-64-1 | 40 to <50 |
| N-BUTANE | | 106-97-8 | 10 to <20 |
| PROPANE | | 74-98-6 | 10 to <20 |
| 2-PENTANONE | | 107-87-9 | 5 to <10 |
| TITANIUM DIOXIDE | | 13463-67-7 | 5 to <10 |
| ETHYL 3-ETHOXYPROPIONATE | | 763-69-9 | 1 to <5 |
| ETHYLENE GLYCOL MONOPROPYL ETHER | | 2807-30-9 | 1 to <5 |
| PROPYLENE GLYCOL METHYL ETHER ACETATE | | 108-65-6 | 1 to <5 |
| XYLENE | | 1330-20-7 | 1 to <5 |
| 4-Methyl-2-pentanone | | 108-10-1 | 0.1 to <1 |
| BUTYL BENZYL PHTHALATE | | 85-68-7 | 0.1 to <1 |
| ETHYLBENZENE | | 100-41-4 | 0.1 to <1 |
| Other components below reportable levels | | | 5 to <10 |

*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. First-aid measures

| | |
|---|---|
| Inhalation | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. |
| Skin contact | No adverse effects due to skin contact are expected. Wash off with soap and water. Get medical attention if irritation develops and persists. |
| 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. If eye irritation persists: Get medical advice/attention. No specific first aid measures noted. |
| Ingestion | Not likely, due to the form of the product. In the unlikely event of swallowing contact a physician or poison control center. Rinse mouth. |
| Most important symptoms/effects, acute and delayed | May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Prolonged exposure may cause chronic effects. |
| Indication of immediate medical attention and special treatment needed | Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed. |
| General information | 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. |

5. Fire-fighting measures

| | |
|---|---|
| Suitable extinguishing media | Alcohol resistant foam. Water fog. Dry chemical powder. Carbon dioxide (CO2). |
| Unsuitable extinguishing media | Do not use water jet as an extinguisher, as this will spread the fire. |
| Specific hazards arising from the chemical | Contents under pressure. Pressurized container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed. |

Special protective equipment and precautions for firefighters

Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

Fire fighting equipment/instructions

In case of fire: Stop leak if safe to do so. Do not move cargo or vehicle if cargo has been exposed to heat. Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

Specific methods

Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. In the event of fire and/or explosion do not breathe the fumes.

General fire hazards

Extremely flammable aerosol. Contents under pressure. Pressurized container may explode when exposed to heat or flame.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Emergency personnel need self-contained breathing equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up

Refer to attached safety data sheets and/or instructions for use. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Isolate area until gas has dispersed. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent product from entering drains. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. For waste disposal, see section 13 of the SDS.

Environmental precautions

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

7. Handling and storage

Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Do not re-use empty containers. Do not breathe mist or vapor. Avoid contact with eyes. 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. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Level 2 Aerosol.

Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Secure cylinders in an upright position at all times, close all valves when not in use. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

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

| Components | Type | Value | Form |
|-------------------------------------|------|-----------|------|
| 2-PENTANONE (CAS 107-87-9) | PEL | 700 mg/m3 | |
| 4-Methyl-2-pentanone (CAS 108-10-1) | PEL | 200 ppm | |
| | | 410 mg/m3 | |
| | | 100 ppm | |

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

| Components | Type | Value | Form |
|-----------------------------------|------|------------------------|-------------|
| ACETONE (CAS 67-64-1) | PEL | 2400 mg/m3 1000 ppm | |
| ETHYLBENZENE (CAS 100-41-4) | PEL | 435 mg/m3 | |
| PROPANE (CAS 74-98-6) | PEL | 100 ppm 1800 mg/m3 | |
| TITANIUM DIOXIDE (CAS 13463-67-7) | PEL | 1000 ppm 15 mg/m3 | Total dust. |
| XYLENE (CAS 1330-20-7) | PEL | 435 mg/m3 100 ppm | |

US. ACGIH Threshold Limit Values

| Components | Type | Value |
|-------------------------------------|------|----------|
| 2-PENTANONE (CAS 107-87-9) | STEL | 150 ppm |
| 4-Methyl-2-pentanone (CAS 108-10-1) | STEL | 75 ppm |
| ACETONE (CAS 67-64-1) | TWA | 20 ppm |
| | STEL | 750 ppm |
| ETHYLBENZENE (CAS 100-41-4) | TWA | 500 ppm |
| | TWA | 20 ppm |
| N-BUTANE (CAS 106-97-8) | STEL | 1000 ppm |
| TITANIUM DIOXIDE (CAS 13463-67-7) | TWA | 10 mg/m3 |
| XYLENE (CAS 1330-20-7) | STEL | 150 ppm |
| | TWA | 100 ppm |

US. NIOSH: Pocket Guide to Chemical Hazards

| Components | Type | Value |
|-------------------------------------|------|------------|
| 2-PENTANONE (CAS 107-87-9) | TWA | 530 mg/m3 |
| 4-Methyl-2-pentanone (CAS 108-10-1) | | 150 ppm |
| | STEL | 300 mg/m3 |
| ACETONE (CAS 67-64-1) | | 75 ppm |
| | TWA | 205 mg/m3 |
| ETHYLBENZENE (CAS 100-41-4) | | 50 ppm |
| | TWA | 590 mg/m3 |
| N-BUTANE (CAS 106-97-8) | | 250 ppm |
| | STEL | 545 mg/m3 |
| PROPANE (CAS 74-98-6) | | 125 ppm |
| | TWA | 435 mg/m3 |
| 4-Methyl-2-pentanone (CAS 108-10-1) | | 100 ppm |
| | TWA | 1900 mg/m3 |
| ETHYLBENZENE (CAS 100-41-4) | | 800 ppm |
| | TWA | 1800 mg/m3 |
| ACETONE (CAS 67-64-1) | | 1000 ppm |
| | TWA | 1000 ppm |

US. Workplace Environmental Exposure Level (WEEL) Guides

| Components | Type | Value |
|--|------|--------|
| PROPYLENE GLYCOL METHYL ETHER ACETATE (CAS 108-65-6) | TWA | 50 ppm |

Biological limit values

ACGIH Biological Exposure Indices

| Components | Value | Determinant | Specimen | Sampling Time |
|-------------------------------------|----------|---|---------------------|---------------|
| 4-Methyl-2-pentanone (CAS 108-10-1) | | Methyl isobutyl ketone | Urine | * |
| ACETONE (CAS 67-64-1) | 50 mg/l | Acetone | Urine | * |
| ETHYLBENZENE (CAS 100-41-4) | 0.15 g/g | Sum of mandelic acid and phenylglyoxylic acid | Creatinine in urine | * |
| XYLENE (CAS 1330-20-7) | 1.5 g/g | Methylhippuric acids | Creatinine in urine | * |

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

Exposure guidelines

US - California OELs: Skin designation

PROPYLENE GLYCOL METHYL ETHER ACETATE (CAS 108-65-6) Can be absorbed through the skin.

Appropriate engineering controls

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.

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

Wear safety glasses with side shields (or goggles).

Skin protection Hand protection

For prolonged or repeated skin contact use suitable protective gloves.

Other Respiratory protection

Wear suitable protective clothing.

If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator.

Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

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.

9. Physical and chemical properties

Appearance

Physical state Liquid.

Form Aerosol. Liquefied gas.

Color Not available.

Odor Not available.

Odor threshold Not available.

pH Not available.

Melting point/freezing point -305.68 °F (-187.6 °C) estimated

Initial boiling point and boiling range -43.78 °F (-42.1 °C) estimated

Flash point -156.0 °F (-104.4 °C) estimated

Evaporation rate Not available.

Flammability (solid, gas) Not applicable.

Upper/lower flammability or explosive limits

Flammability limit - lower (%) 1.6 % estimated

Flammability limit - upper (%) 12.8 % estimated

Explosive limit - lower (%) Not available.

Explosive limit - upper (%) Not available.

| | |
|---|---|
| Vapor pressure | 2516.16 hPa estimated |
| Vapor density | Not available. |
| Relative density | Not available. |
| Solubility(ies) | |
| Solubility (water) | Not available. |
| Partition coefficient (n-octanol/water) | Not available. |
| Auto-ignition temperature | 550 °F (287.78 °C) estimated |
| Decomposition temperature | Not available. |
| Viscosity | Not available. |
| Other information | |
| Density | 6.32 lbs/gal |
| Flammability class | Flammable IA estimated |
| Heat of combustion (NFPA 30B) | 26.19 kJ/g estimated |
| Percent volatile | 85.34 |
| Specific gravity | 0.76 |
| VOC | 556.651474 g/l Regulatory 342.285147 g/l Material 2.856508 lbs/gal Material 4.6454817 lbs/gal Regulatory |

10. 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 | Heat. Avoid temperatures exceeding the flash point. Contact with incompatible materials. |
| Incompatible materials | Strong acids. Strong oxidizing agents. Nitrates. Halogens. Fluorine. Chlorine. |
| Hazardous decomposition products | No hazardous decomposition products are known. |

11. Toxicological information

Information on likely routes of exposure

| | |
|---------------------|---|
| Inhalation | May cause damage to organs through prolonged or repeated exposure by inhalation. May cause drowsiness and dizziness. Headache. Nausea, vomiting. Prolonged inhalation may be harmful. |
| Skin contact | No adverse effects due to skin contact are expected. |
| Eye contact | Causes serious eye irritation. |
| Ingestion | Expected to be a low ingestion hazard. |

Symptoms related to the physical, chemical and toxicological characteristics Headache. May cause drowsiness and dizziness. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

Information on toxicological effects

Acute toxicity Narcotic effects.

| Components | Species | Test Results |
|-------------------------------------|---------|---------------|
| 2-PENTANONE (CAS 107-87-9) | | |
| Acute | | |
| Oral | | |
| LD50 | Rat | 3.73 g/kg |
| 4-Methyl-2-pentanone (CAS 108-10-1) | | |
| Acute | | |
| Dermal | | |
| LD50 | Rabbit | > 16000 mg/kg |

| Components | Species | Test Results |
|--|---------|-----------------------------|
| Inhalation | | |
| LC50 | Rat | 8.2 mg/l, 4 Hours |
| Oral | | |
| LD50 | Rat | 2080 mg/kg |
| ACETONE (CAS 67-64-1) | | |
| Acute | | |
| Dermal | | |
| LD50 | Rabbit | > 15800 mg/kg |
| Inhalation | | |
| LC50 | Rat | 76 mg/l, 4 Hours |
| Oral | | |
| LD50 | Mouse | 3000 mg/kg |
| | Rat | 5800 mg/kg |
| BUTYL BENZYL PHTHALATE (CAS 85-68-7) | | |
| Acute | | |
| Dermal | | |
| LD50 | Mouse | 6700 mg/kg |
| | Rat | 6700 mg/kg |
| Oral | | |
| LD50 | Rat | 13500 mg/kg |
| ETHYLBENZENE (CAS 100-41-4) | | |
| Acute | | |
| Dermal | | |
| LD50 | Rabbit | 17800 mg/kg |
| Oral | | |
| LD50 | Rat | 3500 mg/kg |
| ETHYLENE GLYCOL MONOPROPYL ETHER (CAS 2807-30-9) | | |
| Acute | | |
| Dermal | | |
| LD50 | Rabbit | 0.87 g/kg |
| Inhalation | | |
| LC50 | Rat | 1530 mg/l, 7 Hours |
| Oral | | |
| LD50 | Mouse | 2.4 g/kg |
| | Rat | 4.45 g/kg |
| N-BUTANE (CAS 106-97-8) | | |
| Acute | | |
| Inhalation | | |
| LC50 | Mouse | 680 mg/l, 2 Hours |
| | Rat | 658 mg/l, 4 Hours |
| PROPANE (CAS 74-98-6) | | |
| Acute | | |
| Inhalation | | |
| LC50 | Rat | > 1442.847 mg/l, 15 Minutes |
| XYLENE (CAS 1330-20-7) | | |
| Acute | | |
| Dermal | | |
| LD50 | Rabbit | > 43 g/kg |

| Components | Species | Test Results |
|-------------------|---------|--------------------|
| Inhalation | | |
| LC50 | Mouse | 3907 mg/l, 6 Hours |
| | Rat | 6350 mg/l, 4 Hours |
| Oral | | |
| LD50 | Mouse | 1590 mg/kg |
| | Rat | 3523 - 8600 mg/kg |

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

| | |
|---|---|
| Skin corrosion/irritation | Prolonged skin contact may cause temporary irritation. |
| Serious eye damage/eye irritation | Causes serious eye irritation. |
| Respiratory or skin sensitization | |
| Respiratory sensitization | Not a respiratory sensitizer. |
| Skin sensitization | This product is not expected to cause skin sensitization. |
| Germ cell mutagenicity | No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic. |
| Carcinogenicity | Suspected of causing cancer. |
| IARC Monographs. Overall Evaluation of Carcinogenicity | |
| 4-Methyl-2-pentanone (CAS 108-10-1) | 2B Possibly carcinogenic to humans. |
| BUTYL BENZYL PHTHALATE (CAS 85-68-7) | 3 Not classifiable as to carcinogenicity to humans. |
| ETHYLBENZENE (CAS 100-41-4) | 2B Possibly carcinogenic to humans. |
| TITANIUM DIOXIDE (CAS 13463-67-7) | 2B Possibly 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) | |
| Not listed. | |
| Reproductive toxicity | Components in this product have been shown to cause birth defects and reproductive disorders in laboratory animals. May damage fertility or the unborn child. |
| Specific target organ toxicity - single exposure | May cause drowsiness and dizziness. |
| 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. |

12. Ecological information

| | | | |
|--------------------------------------|---|---|----------------------------|
| Ecotoxicity | Toxic to aquatic life. Harmful to aquatic life with long lasting effects. | | |
| Components | | | |
| 2-PENTANONE (CAS 107-87-9) | | | |
| Aquatic | | | |
| Fish | LC50 | Fathead minnow (Pimephales promelas) | 1190 - 1290 mg/l, 96 hours |
| 4-Methyl-2-pentanone (CAS 108-10-1) | | | |
| Aquatic | | | |
| Fish | LC50 | Fathead minnow (Pimephales promelas) | 492 - 593 mg/l, 96 hours |
| ACETONE (CAS 67-64-1) | | | |
| Aquatic | | | |
| Crustacea | EC50 | Water flea (Daphnia magna) | 21.6 - 23.9 mg/l, 48 hours |
| Fish | LC50 | Rainbow trout,donaldson trout (Oncorhynchus mykiss) | 4740 - 6330 mg/l, 96 hours |
| BUTYL BENZYL PHTHALATE (CAS 85-68-7) | | | |
| Aquatic | | | |
| Crustacea | EC50 | Water flea (Daphnia magna) | > 0.96 mg/l, 48 hours |
| Fish | LC50 | Shiner perch (Cymatogaster aggregata) | 0.47 - 0.56 mg/l, 96 hours |

| Components | Species | Test Results |
|--|---------|--|
| ETHYLBENZENE (CAS 100-41-4) | | |
| Aquatic | | |
| Crustacea | EC50 | Water flea (Daphnia magna) 1.37 - 4.4 mg/l, 48 hours |
| Fish | LC50 | Fathead minnow (Pimephales promelas) 7.5 - 11 mg/l, 96 hours |
| TITANIUM DIOXIDE (CAS 13463-67-7) | | |
| Aquatic | | |
| Crustacea | EC50 | Water flea (Daphnia magna) > 1000 mg/l, 48 hours |
| Fish | LC50 | Mummichog (Fundulus heteroclitus) > 1000 mg/l, 96 hours |
| XYLENE (CAS 1330-20-7) | | |
| 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 No data is available on the degradability of this product.

Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow)

| | |
|------------------------|------------|
| 2-PENTANONE | 0.91 |
| 4-Methyl-2-pentanone | 1.31 |
| ACETONE | -0.24 |
| BUTYL BENZYL PHTHALATE | 4.91 |
| ETHYLBENZENE | 3.15 |
| N-BUTANE | 2.89 |
| PROPANE | 2.36 |
| 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.

13. Disposal considerations

Disposal instructions Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. 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.

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. Do not re-use empty containers.

14. Transport information

DOT

| | |
|--|---|
| UN number | UN1950 |
| UN proper shipping name | Aerosols, flammable, 2.1 |
| Transport hazard class(es) | |
| Class | Not available. |
| Subsidiary risk | - |
| Packing group | Not applicable. |
| Special precautions for user IATA | Read safety instructions, SDS and emergency procedures before handling. |

| | |
|--------------------------------|--------------------------|
| UN number | UN1950 |
| UN proper shipping name | Aerosols, flammable, 2.1 |

Transport hazard class(es)**Class** Not available.**Subsidiary risk Packing** -**group Environmental** Not applicable.**hazards Special** No.**precautions for user Other** Read safety instructions, SDS and emergency procedures before handling.**information****Passenger and** Forbidden.**cargo aircraft****Cargo aircraft only** Forbidden.**IMDG****UN number** UN1950**UN proper shipping name** Aerosols, flammable, 2.1**Transport hazard class(es)****Class** Not available.**Subsidiary risk** -**Packing group** Not applicable.**Environmental hazards****Marine pollutant** No.**EmS** Not available.**Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.**Transport in bulk according to** Not established.**Annex II of MARPOL 73/78 and the****IBC Code****15. 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.

TSCA Chemical Action Plans, Chemicals of Concern

BUTYL BENZYL PHTHALATE (CAS 85-68-7) Phthalates Action Plan

CERCLA Hazardous Substance List (40 CFR 302.4)

2-PENTANONE (CAS 107-87-9) Listed.

4-Methyl-2-pentanone (CAS 108-10-1) Listed.

ACETONE (CAS 67-64-1) Listed.

BUTYL BENZYL PHTHALATE (CAS 85-68-7) Listed.

ETHYLBENZENE (CAS 100-41-4) Listed.

ETHYLENE GLYCOL MONOPROPYL ETHER (CAS 2807-30-9) Listed.

N-BUTANE (CAS 106-97-8) Listed.

PROPANE (CAS 74-98-6) Listed.

XYLENE (CAS 1330-20-7) Listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

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 No**chemical**

SARA 313 (TRI reporting)

| Chemical name | CAS number | % by wt. |
|----------------------------------|------------|-----------|
| ETHYLENE GLYCOL MONOPROPYL ETHER | 2807-30-9 | 1 to <5 |
| XYLENE | 1330-20-7 | 1 to <5 |
| 4-Methyl-2-pentanone | 108-10-1 | 0.1 to <1 |
| ETHYLBENZENE | 100-41-4 | 0.1 to <1 |

Other federal regulations**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

4-Methyl-2-pentanone (CAS 108-10-1)
 ETHYLBENZENE (CAS 100-41-4)
 ETHYLENE GLYCOL MONOPROPYL ETHER (CAS 2807-30-9)
 XYLENE (CAS 1330-20-7)

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

N-BUTANE (CAS 106-97-8)
 PROPANE (CAS 74-98-6)

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

4-Methyl-2-pentanone (CAS 108-10-1) 6715
 ACETONE (CAS 67-64-1) 6532

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

4-Methyl-2-pentanone (CAS 108-10-1) 35 %WV
 ACETONE (CAS 67-64-1) 35 %WV

DEA Exempt Chemical Mixtures Code Number

4-Methyl-2-pentanone (CAS 108-10-1) 6715
 ACETONE (CAS 67-64-1) 6532

US state regulations**US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)**

Not listed.

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

4-Methyl-2-pentanone (CAS 108-10-1)
 ACETONE (CAS 67-64-1)
 BUTYL BENZYL PHTHALATE (CAS 85-68-7)
 ETHYLBENZENE (CAS 100-41-4)
 ETHYLENE GLYCOL MONOPROPYL ETHER (CAS 2807-30-9)
 N-BUTANE (CAS 106-97-8)
 TITANIUM DIOXIDE (CAS 13463-67-7)
 XYLENE (CAS 1330-20-7)

US. Massachusetts RTK - Substance List

2-PENTANONE (CAS 107-87-9) 4-Methyl-2-pentanone (CAS 108-10-1)
 ACETONE (CAS 67-64-1)
 BUTYL BENZYL PHTHALATE (CAS 85-68-7)
 ETHYLBENZENE (CAS 100-41-4) N-BUTANE (CAS 106-97-8)
 PROPANE (CAS 74-98-6)
 TITANIUM DIOXIDE (CAS 13463-67-7)
 XYLENE (CAS 1330-20-7)

US. New Jersey Worker and Community Right-to-Know Act

2-PENTANONE (CAS 107-87-9) 4-Methyl-2-pentanone (CAS 108-10-1)
 ACETONE (CAS 67-64-1)
 BUTYL BENZYL PHTHALATE (CAS 85-68-7)
 ETHYLBENZENE (CAS 100-41-4)
 ETHYLENE GLYCOL MONOPROPYL ETHER (CAS 2807-30-9)
 N-BUTANE (CAS 106-97-8)
 PROPANE (CAS 74-98-6)
 TITANIUM DIOXIDE (CAS 13463-67-7)
 XYLENE (CAS 1330-20-7)

US. Pennsylvania Worker and Community Right-to-Know Law

2-PENTANONE (CAS 107-87-9) 4-Methyl-2-pentanone (CAS 108-10-1)
ACETONE (CAS 67-64-1)
BUTYL BENZYL PHTHALATE (CAS 85-68-7)
ETHYLBENZENE (CAS 100-41-4)
ETHYLENE GLYCOL MONOPROPYL ETHER (CAS 2807-30-9) N-BUTANE (CAS 106-97-8)
PROPANE (CAS 74-98-6)
TITANIUM DIOXIDE (CAS 13463-67-7)
XYLENE (CAS 1330-20-7)

US. Rhode Island RTK

4-Methyl-2-pentanone (CAS 108-10-1)
ACETONE (CAS 67-64-1)
BUTYL BENZYL PHTHALATE (CAS 85-68-7)
ETHYLBENZENE (CAS 100-41-4)
ETHYLENE GLYCOL MONOPROPYL ETHER (CAS 2807-30-9) N-BUTANE (CAS 106-97-8)
PROPANE (CAS 74-98-6)
XYLENE (CAS 1330-20-7)

US. California Proposition 65

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

| | |
|-------------------------------------|---------------------------|
| 4-Methyl-2-pentanone (CAS 108-10-1) | Listed: November 4, 2011 |
| ETHYLBENZENE (CAS 100-41-4) | Listed: June 11, 2004 |
| TITANIUM DIOXIDE (CAS 13463-67-7) | Listed: September 2, 2011 |

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

| | |
|--------------------------------------|--------------------------|
| 4-Methyl-2-pentanone (CAS 108-10-1) | Listed: March 28, 2014 |
| BUTYL BENZYL PHTHALATE (CAS 85-68-7) | Listed: December 2, 2005 |

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) | No |
| 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) | No |
| New Zealand | New Zealand Inventory | No |
| 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).

16. Other information, including date of preparation or last revision

| | |
|---------------|---|
| Issue date | 03-10-2015 |
| Version # | 01 |
| HMIS® ratings | Health: 2* Flammability: 4 Physical hazard: 0 |
| NFPA ratings | Health: 2 Flammability: 4 Instability: 0 |

Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available. THE INFORMATION CONTAINED HEREIN IS BASED ON DATA BELIEVED TO BE RELIABLE AND THE MANUFACTURER DISCLAIMS ANY LIABILITY INCURRED FROM THE USE OR RELIANCE UPON THE SAME. THE INFORMATION GIVEN IS DESIGNED ONLY AS A GUIDANCE FOR SAFE HANDLING, USE, PROCESSING, STORAGE, TRANSPORTATION, DISPOSAL AND RELEASE AND IS NOT TO BE CONSIDERED A WARRANTY OR QUALITY SPECIFICATION. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. This safety information is not a license to use this material as claimed by any patents of third parties. The user alone must finally determine whether a contemplated use of this material will infringe any such patents, and for obtaining any required licenses.

Safety Data Sheet

Poly Filler White

Date of Preparation: June 1, 2015

Section 1 Chemical Product and Company Identification

1.1 Product identifiers

Product name: Poly Filler White

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses: N/A

1.3 Details of the supplier of the safety data sheet

Multi-Tech Products Corporation
41519 Cherry St, Murrieta, CA 92562
Phone (951) 834-9066

1.4 Emergency telephone number

Emergency Phone (800) 424-9300
International: (703) 527-3887

| HMIS | |
|--------|---|
| H | 3 |
| F | 2 |
| R | 1 |
| PPE | |
| Sec. 8 | |

Section 2 Hazards Identification

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910.1200 (OSHA HCS)

Flammable liquids, Category 3
Skin corrosion/irritation, Category 3
Acute toxicity, Inhalation Category 4
Skin irritation, Category 2
Eye irritation, Category 2A
Carcinogenicity, Category 2
Reproductive toxicity, Category 2
Specific target organ toxicity, repeated exposure Category 1

2.2 GHS Label elements, including precautionary statements



Signal word

Danger

Hazard statements

Flammable liquid and vapor.
Causes skin irritation.
Causes serious eye irritation.
Harmful if inhaled.
Suspected of causing cancer.
Suspected of damaging fertility or the unborn child.
Causes damage to organs through prolonged or repeated exposure.

Poly Filler White

Section 2 Hazards Identification cont.

Precautionary statements

Prevention

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Keep container tightly closed when not in use.
Do not breathe fumes or vapors.
Wash skin thoroughly after handling.
Do not eat, drink or smoke when using this product.
Use only in a well-ventilated area.
Avoid release to the environment.
Wear protective gloves/protective clothing/eye protection/face protection.

Response

If on skin: Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
If inhaled: Remove person to fresh air and call doctor/physician if not feeling well.
If in eyes: Rinse continuously with water for at least 15 minutes. Remove contact lenses, if present and easy to do.
If skin irritation occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.
Take off contaminated clothing and wash before reuse.

Storage

Store in a well-ventilated place. Keep cool.

Disposal

Dispose of contents and container to an appropriate waste site in accordance with local and national regulations.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

None.

Section 3 Composition/Information on Ingredients

3.1 Substance

| Ingredient Name | CAS Number |
|------------------|-------------|
| Polyester Resin | Proprietary |
| Styrene Monomer | 100-42-5 |
| Titanium Dioxide | 13463-67-7 |

Section 4 First Aid Measures

4.1 Description of first aid measures

If inhaled

Move person into fresh air. If not breathing, give artificial respiration.

In case of skin contact

Wash off with soap and plenty of water.

In case of eye contact

Flush eyes thoroughly with water. If irritation persists, get medical assistance.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

Poly Filler White

Section 4 First Aid Measures cont.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

Section 5 Fire Fighting Measures

5.1 Extinguishing media

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

Nature of decomposition products not known.

5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information

No data available.

Section 6 Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid breathing vapors, mist or gas.

For personal protection see section 8.

6.2 Environmental precautions

Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up

Sweep up and shovel. Keep in suitable, closed containers for disposal.

Section 7 Handling and Storage

7.1 Precautions for safe handling

Use normal precautions when handling flammable materials. Do not breathe fumes or vapor. Do not allow material to contact skin. Provide appropriate exhaust ventilation.

7.2 Conditions for safe storage, including any incompatibilities

Store at ambient temperatures in closed containers. This material can catch fire if overheated. Do not heat this material above the flash point. Keep away from flame and open electrical coils. No chemical incompatibilities.

Section 8 Exposure Controls/Personal Protection

8.1 Control parameters

Components with workplace control parameters

| Ingredient | OSHA | | ACGIH | |
|------------------|---------------------|----------------------|----------------------|-------------|
| | PEL | STEL | TWA | STEL |
| Styrene Monomer | 50 ppm | 100 ppm | 50 ppm | 100 ppm |
| Titanium Dioxide | 5 mg/m ³ | 15 mg/m ³ | 10 mg/m ³ | None estab. |

8.2 Exposure controls

Appropriate engineering controls

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of mists and/or vapors below the recommended exposure limits. An eye wash station and safety shower should be located near the workstation.

Poly Filler White

Section 8 Exposure Controls/Personal Protection cont.

8.3 Personal protective equipment

Eye/face protection

With product at ambient temperatures, use safety glasses equipped with side shields.

8.4 Skin protection

Hand Protection

With product at ambient temperatures, use disposable nitrile gloves. Contaminated gloves should be replaced.

Body Protection

Prevent skin contact when handling material.

8.5 Respiratory Protection

The need for respiratory protection is not anticipated under normal use conditions and with adequate ventilation. If elevated airborne concentrations above applicable workplace exposure levels are anticipated, a NIOSH-approved organic vapor respirator equipped with a dust/mist prefilter should be used.

8.6 Safety Stations

Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

8.7 General Hygienic Practices

Avoid breathing vapor or mist. Avoid contamination of food, beverages, or smoking materials. Wash thoroughly after handling, and before eating, drinking or smoking. Remove contaminated clothing promptly and clean thoroughly before reuse.

Section 9 Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

| | |
|--|---------------------------|
| Appearance | White paste |
| Odor | Styrene |
| Odor Threshold | No data available |
| pH | No data available |
| Melting Point | No data available |
| VOC Content | 1.17 lbs/gal |
| Initial boiling point & boiling range | No data available |
| Flash Point (COC) | 35°C (95°F) |
| Evaporation rate | No data available |
| Flammability (solid, gas) | No data available |
| Upper/lower flammability | No data available |
| Vapor Pressure | No data available |
| Vapor density | No data available |
| Relative density (g/cc) | 1.6±0.05 |
| Water Solubility | Negligible |
| Coefficient: n-octanol/water | No data available |
| Auto-ignition temperature | No data available |
| Viscosity | Paste at Room Temperature |
| Explosive Properties | None |
| Oxidizing Properties | None |
| % Volatile | 10-15% |

Poly Filler White

Section 10 Stability and Reactivity

10.1 Reactivity

No data available

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

None.

10.4 Conditions to avoid

Heat and open flames.

10.5 Incompatible materials

Oxidizing agents, peroxides

10.6 Hazardous decomposition products

Thermal oxidative decomposition can produce CO and CO₂.

Section 11 Toxicological Information

11.1 Information on toxicological effects

Acute Oral toxicity Low toxicity

Acute Inhalation toxicity Low toxicity

Acute Dermal toxicity Low toxicity

Skin corrosion/irritation Skin irritant

Serious eye damage/eye irritation Eye irritant

Respiratory or skin sensitization Not a skin sensitizer

Germ cell mutagenicity No data available

Carcinogenicity

IARC Styrene (CAS #100-42-5) is considered a class 2B suspect human carcinogen.

Titanium Dioxide (CAS #13463-67-7) is considered a class 2B suspect human carcinogen.

ACGIH Styrene is not classifiable as a carcinogen.

NTP Styrene is reasonably anticipated to be a human carcinogen.

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

Reproductive toxicity Not expected to be a hazard

Specific target organ toxicity

- **single exposure** No data available

Specific target organ toxicity

- **repeated exposure** No data available

Aspiration hazard Not expected to be a hazard

Section 12 Ecological Information

12.1 Toxicity No data available

12.2 Persistence and degradability No data available

12.3 Bioaccumulative potential No data available

12.4 Mobility in soil No data available

12.5 Results of PBT & vPvB assessment No data available

Poly Filler White

Section 13 Disposal Considerations

13.1 Disposal

Use safety containers for disposal. Contact your supplier or a licensed contractor for detailed recommendations. Follow applicable Federal, state, and local regulations.

Section 14 Transport Information

14.1 DOT Transportation Data (49 CFR 172.101)

14.2 Shipping Name Polyester Resin Kit

Hazard Class: 3

ID No.: UN 3269

Packing Group: III

Label: Consumer Commodity

ORM-D (gal.)

Flammable Class 3 (3 gal.)

Section 15 Regulatory Information

15.1 US Federal Regulations

RCRA Hazardous Waste Number (40 CFR 261.33): Not listed

RCRA Hazardous Waste Classification (40 CFR 261): Not classified

CERCLA Hazardous Substance (40 CFR 302.4): Listed/unlisted specific per RCRA Sec. 3001

SARA 311/312 Codes: Chronic Health Hazard, Fire Hazard

SARA Toxic Chemical (40 CFR 372.65): No components were identified

TSCA Inventory Status: All ingredients listed on TSCA inventory requirements

15.2 State Regulations

This product is not known to contain any components for which the State of California has found to cause cancer, birth defects or other reproductive harm.

Talc (CAS #14807-96-6) and Titanium Dioxide (CAS #13463-67-7), and Styrene (CAS #100-42-5) are on the New Jersey and Pennsylvania Right to Know Lists.

Section 16 Other Information

16.1 Disclaimer

The following supersedes Buyer's documents. SELLER MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. No statements herein are to be construed as inducements to infringe any relevant patent. Under no circumstances shall Seller be liable for incidental, consequential or indirect damages for alleged negligence, breach of warranty, strict of liability arising in connection with the product(s). Buyer's sole remedy and Seller's sole liability for any claims shall be Buyer's purchase price. Data and results are based on controlled lab work and must be confirmed by Buyer by testing for its intended conditions of use. The product(s) has not been tested for, and is therefore not recommended for, uses for which prolonged contact with mucous membranes, abraded skin, or blood is intended; or for uses for which implantation within the human body is intended.

SAFETY DATA SHEET

1.0 IDENTIFICATION

- 1.1 GHS product identifier:** Cream Hardener
1.2 Other means of identification: Organic Peroxide, 50% in inert fillers
1.3 Recommended use of the chemical and restrictions on use: N/A
1.4 Supplier's details: QUALITY HARDENER
 PO BOX 2385
 RIVERVIEW MI 48193 INFORMATION
 PHONE: (734) 285-1480
1.5 Emergency phone number: (703) 527-3887(Call Collect)

2.0 HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture:**
 Organic Peroxide, Type E,
 Serious Eye Damage/Irritation: Category 2A. Skin Sensitizer: Category 1

2.2 GHS label elements:

Signal Word: Warning



Hazard Statement:

Heating may cause a fire.
 Causes serious eye irritation.
 May cause an allergic skin reaction



Precautionary Statement

Keep out of reach of children
Signal Word: Warning

Prevention: Keep away from heat/sparks/open flames/hot surfaces. No smoking.
 Keep away from clothing and combustible materials.
 Keep only in original container. Wear protective gloves and eye/face protection.
 Wash hands thoroughly after handling.

Response: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and eye to do. Continue rinsing. If eye irritation persists, get medical advice/attention.
 IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: get medical advice/attention. Take off contaminated clothing and wash before reuse.

Storage: Protect from sunlight. Store at temperatures not exceeding 32C/90F. Keep cool. Store away from other materials.

Disposal: Dispose of contents/container by incineration under controlled conditions in accordance with all local and national laws and regulations.

2.3 Other hazards which do not result in classification: N/A

2.4 Hazards Material Information System (United States):

| | |
|------------------------|----------|
| Health | 2 |
| Flammability | 2 |
| Physical Hazard | 2 |

Hazard Codes: *=Chronic Hazard 0=Minimal Hazard, 1=Slight Hazard, 2=Moderate Hazard, 3=Serious Hazard, 4=Severe Hazard

3.0 COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Mixtures

| Chemical Identity | CAS No. | Concentration |
|--|---------------|---------------|
| Dibenzoyl Peroxide | 94-36-0 | 47-50% |
| PLASTICIZER (Proprietary, Ester based, non-Pthalate) | 800951-5002-p | 25-30% |
| WATER | 7732-18-5 | 10-19% |
| SURFACTANT (Proprietary, Ethoxylated Alkyl Phenol) | 800951-5003-P | 1-3% |
| Fumed Silica | 7631-86-9 | 1-2% |
| CALCIUM CARBONATE | 471-34-1 | 1-2% |

4.0 FIRST-AID MEASURES

4.1 Description of necessary first-aid measures:

Eyes: Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. If you feel unwell, get medical attention immediately.

Skin: Immediately flush skin with plenty of soap and water. Remove contaminated clothing and shoes. If signs/symptoms develop, get medical attention. Wash clothing before reuse.

Ingestion: Do not induce vomiting, get medical attention immediately.

Inhalation: Remove to fresh air. Get medical attention for any breathing difficulty.

4.2 Most Important symptoms/effects, acute and delayed:

Potential Health Effects: Eyes; Vapor or mist causes eye irritation. Splashes cause severe irritation with stinging pain and tears.

Skin: Causes irritation with redness and pain, and skin sensitization in some individuals. Stinging or burning sensation may occur for a brief time after application to skin.

Ingestion: Causes irritation to the gastrointestinal tract. Symptoms may include nausea, vomiting and diarrhea.

Inhalation: Decomposition products are toxic and inhalation of the products can produce life threatening health effects.

4.3 Indication of immediate medical attention and special treatment needed, if necessary: N/A

5.0 FIRE-FIGHTING MEASURES

5.1 Suitable extinguishing media: Dry Chemical or carbon dioxide. Water to cool containers. Water or foam may cause frothing.

5.2 Specific hazards arising from the chemical: Flash Point is 184°F (84°C).

5.3 Special protective actions for fire-fighters: Wear full protective clothing and NIOSH- approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

6.0 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Remove all sources of ignition, ventilate area of leak or spill.

6.2 Methods and materials for containment and clean up:

Contain discharged material. Spill can be mixed with water wetted vermiculite, swept up and then placed into appropriate plastic containers for immediate disposal.

7.0 HANDLING AND STORAGE

7.1 Precautions for safe handling: Avoid strong acids, strong alkalis, polymerization accelerators (Cobalt Napthanates, DMA, DEA).

7.2 Conditions for safe storage, including any incompatibilities: Stores best below 90°F, Black Cream Hardener has a 12 month shelf life, Red and White Cream Hardener have an 18 month shelf life.

8.0 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

| Component | CAS No. | EINECS | Percent | Exposure Limits | Source |
|--------------------|---------|-----------|---------|--------------------------|------------|
| Dibenzoyl Peroxide | 94-36-0 | 202-327-6 | 50% | 5mg/m3 PEL 5mg/m3 TLV | OSHA ACGIH |

8.2 Appropriate engineering controls: N/A

8.3 Individual protection measures, such as personal protective equipment:

Eye Protection: Chemical safety glasses. A full-face shield and vapor respirator is recommended for operations involving spraying or other operations placing this material under pressurized conditions.

Hand Protection: Neoprene rubber gloves. Impermeable gloves. Nitrile rubber gloves. The breakthrough time of the selected glove(s) must be greater than the intended use period.

Respiratory protection: Not required under normal conditions and in a well-ventilated workplace. At elevated temperatures, a cartridge mask National Institute for Occupational Safety and Health (NIOSH) approved for organic vapors may be appropriate.

Protective clothing: Long sleeved clothing.

Work and hygienic practices: Provide readily accessible eye wash stations and safety showers. Wash at the end of each work shift and before eating, smoking or using the toilet.

Notice: The selection of a specific glove for a particular application and duration of use in a workplace should also take into account all requisite workplace factors such as, but not limited to: Other chemicals which may be handled, physical requirements (cut/puncture protection, dexterity, thermal protection), as well as the instructions/specifications provided by the glove supplier.

9.0 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Appearance (physical state, color, etc.): Thixotropic Paste, White, Red, Black, Blue

9.2 Odor: Ester-type odor

9.3 Odor threshold: N/A

9.4 pH: Not Determined

9.5 Melting point/freezing point: Not Determined

9.6 Initial boiling point and boiling range: (Dibenzoyl Peroxide) Decomposes explosively above 55°C

9.7 Flash Point: 184°F (84°C) Setaflash

9.8 Evaporation rate: N/A

9.9 Flammability (solid, gas): N/A

9.10 Upper/lower flammability or explosive limits: LFL-Not Determined; UFL-Not Determined

9.11 Vapor pressure: 0.67-0.93 kPa

9.12 Vapor density: N/A

9.13 Relative density (Specific gravity): 1.30-1.33

9.14 Solubility(ies): Negligible

9.15 Partition coefficient; n-octanol/water: N/A

9.16 Auto-ignition temperature: N/A

9.17 Decomposition temperature (SADT): 55°C

9.18 Viscosity: N/A

9.19 VOC Content: 0 g/liter (0%)

10.0 STABILITY AND REACTIVITY

10.1 Reactivity: N/A

10.2 Chemical stability: Stable

10.3 Possibility of hazardous reactions: Will occur

10.4 Conditions to avoid: excessive heat; contaminates; ignition sources

10.5 Incompatible materials: Strong acids, accelerators

10.6 Hazardous decomposition products: Flammable

11.0 TOXICOLOGICAL INFORMATION

11.1 Likely routes of exposure: Skin, Eye, Inhalation, Ingestion

11.2 Symptoms related to the physical, chemical and toxicological characteristics:

Acute toxicity: This finished product has not been tested to determine individual toxicological/ecological limits. Individual components of this mixture have been independently tested by the raw material manufacturers and any known results have been presented below. The results for the individual components may not be representative of the toxicity of this finished product.

Skin Contact: Causes skin irritation.

Skin Absorption: May be harmful if absorbed through the skin.

Eye Contact: Causes eye irritation.

Inhalation: May be harmful if inhaled. Material is irritating to mucous membranes and upper respiratory tract.

Ingestion: May be harmful if swallowed.

Sensitization:

Respiratory: May cause allergic respiratory reaction.

Skin: May cause allergic skin reaction.

Signs and symptoms of exposure: Depending on the intensity and duration of exposure, effects may vary from mild irritation to severe destruction of tissue.

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

Chronic exposure: CARCINOGEN; Result: This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification.

Chronic exposure: MUTAGEN; Result: Laboratory experiments have shown mutagenic effects.

11.4 Numerical measures of toxicity: N/A

12.0 ECOLOGICAL INFORMATION

12.1 Ecotoxicity: There is not any data on aquatic life effects or the environmental fate.

12.2 Persistence and degradability: N/A

12.3 Bioaccumulative potential: N/A

12.4 Mobility in soil: N/A

12.5 Other adverse effects: N/A

13.0 DISPOSAL CONSIDERATIONS

13.1 Disposal methods: Preferred method of disposal includes incineration under controlled conditions in accordance with all local and national laws and regulations. The generation of waste should be avoided or minimized wherever possible. Untreated material is not suitable for disposal. Waste, even small quantities, should never be poured down drains, sewers or watercourses. Waste must be disposed of in accordance with federal, state and local environmental control regulations. This material, when properly mixed and cured with its resin component at the proper mix ratio, may be safely landfilled.

Contaminated packaging: Empty containers can only be disposed of when the remaining product adhering to the container walls has been removed. Hazard warning labels should be removed from the container only after it has been properly emptied.

14.0 TRANSPORT INFORMATION

14.1 UN number: UN-3108

14.2 UN proper shipping name: Organic Peroxide Type E, Solid (50% Dibenzoyl Peroxide)

14.3 Transport hazard class(es): 5.2

14.4 Packing group, if applicable: II

14.5 Environmental hazards: N/A

14.6 Transport in bulk: N/A

14.7 Special precautions for user: The following must be typed on Dangerous Goods paperwork THE PACKAGE CONTAINING UN3108 MUST BE SHADED FROM DIRECT SUNLIGHT, STORED AWAY FROM ALL SOURCES OF HEAT, IN A WELL VENTILATED AREA.

15.0 REGULATORY INFORMATION**15.1 Safety, health and environmental regulations:**

TOXIC SUBSTANCES CONTROL ACT (TSCA): All components are included in the EPA Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

TOXIC SUBSTANCE CONTROL ACT (TSCA) 12(b) COMPONENT(S): None

OSHA Hazard Communication Standard (29CFR1910.1200) hazard class(es): Irritant. Sensitizer.

EPA SARA Title III Section 312 (40CFR370) hazard class: Immediate Health Hazard. Delayed Health Hazard.

EPA SARA Title III Section 313 (40CFR372) toxic chemicals above "de minimis" level are: Dibenzoyl Peroxide, 50% (CAS#94-36-0)

CALIFORNIA PROPOSITION 65: SUBSTANCES (component(s) known to the State of California to cause cancer and/or reproductive toxicity and subject to warning and discharge requirements under the "Safe Drinking Water and Toxic Enforcement Act of 1986") None

16.0 OTHER INFORMATION**16.1 Date of Preparation:** 03/24/2015

To the best of our knowledge, the information contained herein is accurate. Final determination of the suitability of any material is the sole responsibility of the users. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.