

Safety Data Sheet



1. Identification

Product Information: 21962720
Family: 509
Product Name: ADVANCED ULTRA FILLER PRIMER 962
Recommended Use: Pintura / Recubrimiento

Supplied by/Manufacturer: SUR QUIMICA S.A.
 Calle 38, contiguo al Cementerio La Uruca.
 San José, Costa Rica, Centroamérica
 Tel Información: (506) 2211-3700,
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 703-527-3887

Safety Data Sheet Coordinator: sds@gruposur.com

2. Hazards Identification

GHS Classification

Acute Tox. 4 Inhalation, Eye Dam. 1, Flam. Liq. 3, Repr. 1A, Skin Irrit. 2, Skin Sens. 1, STOT RE 2

Symbol(s) of Product



Signal Word

Danger

Possible Hazards

6.2% of the mixture consists of ingredients of unknown acute toxicity

GHS HAZARD STATEMENTS

| | | |
|--|------|--|
| Flammable Liquid, category 3 | H226 | Flammable liquid and vapour. |
| Skin Irritation, category 2 | H315 | Causes skin irritation. |
| Skin Sensitizer, category 1 | H317 | May cause an allergic skin reaction. |
| Serious Eye Damage, category 1 | H318 | Causes serious eye damage. |
| Acute Toxicity, Inhalation, category 4 | H332 | Harmful if inhaled. |
| Reproductive Toxicity, category 1A | H360 | May damage fertility or the unborn child. |
| STOT, repeated exposure, category 2 | H373 | May cause damage to organs through prolonged or repeated exposure. |

GHS LABEL PRECAUTIONARY STATEMENTS

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| P201 | Obtain special instructions before use. |
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |

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| P233 | Keep container tightly closed. |
| P260 | Do not breathe dust/fume/gas/mist/vapours/spray. |
| P264 | Wash skin thoroughly after handling. |
| P271 | Use only outdoors or in a well-ventilated area. |
| P272 | Contaminated work clothing should not be allowed out of the workplace. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. |
| P302+P352 | IF ON SKIN: Wash with plenty of soap and water. |
| P303+P361+P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. |
| P304+P340 | IF INHALED: Remove person to fresh air and keep comfortable for breathing. |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P308+P313 | IF exposed or concerned: Get medical advice/attention. |
| P310 | Immediately call a POISON CENTER or doctor/physician. |
| P321 | Specific treatment (see FIRST AID on this sheet). |
| P332+P313 | If skin irritation occurs: Get medical advice/attention. |
| P333+P313 | If skin irritation or rash occurs: Get medical advice/attention. |
| P362+P364 | Take off contaminated clothing and wash it before reuse. |
| P370+P378 | In case of fire: Use materials indicated in Section 5 to extinguish. |
| P403+P235 | Store in a well-ventilated place. Keep cool. |
| P405 | Store locked up. |
| P501 | Dispose of contents/container in accordance with local/regional/national/international regulations. |

GHS SDS PRECAUTIONARY STATEMENTS

| | |
|------|--|
| P240 | Ground and bond container and receiving equipment. |
| P241 | Use explosion-proof [electrical/ventilating/lighting/...] equipment. |
| P242 | Use non-sparking tools. |
| P243 | Take action to prevent static discharges. |

3. Composition/Information on Ingredients

| <u>Chemical Name</u> | <u>CAS-No.</u> | <u>Wt. %</u> | <u>GHS Symbols</u> | <u>GHS Statements</u> |
|---------------------------------|----------------|--------------|-------------------------|----------------------------------|
| n-Butyl Acetate | 123-86-4 | 10-20 | GHS02-GHS06 | H225-315-320-331-336 |
| 1-methyl-2-methoxyethyl acetate | 108-65-6 | 2.5-10 | GHS02-GHS05-GHS07-GHS08 | H226-315-318-335-360 |
| Xilene | 1330-20-7 | 2.5-10 | GHS02-GHS07-GHS08 | H225-304-312-315-319-332-335-373 |
| Dibutyltin dicarboxilate | 77-58-7 | 0.1-1.0 | GHS05-GHS07-GHS08 | H314-317-341-360-370-372 |

The text for GHS Hazard Statements shown above (if any) is given in the "Other information" Section.

4. First-aid Measures

FIRST AID - INHALATION: Artificial respiration and/or oxygen may be necessary. Keep the victim calm. Ensure that medical personnel are aware of the materials involved and take precautions to protect themselves. Oxygen or artificial respiration if needed. If inhaled, remove to fresh air. Give oxygen if necessary. Consult a physician if symptoms persist or exposure is severe.

FIRST AID - SKIN CONTACT: Seek medical advice. In case of skin contact, wash immediately with plenty of water for at least 20 minutes. In case of contact, wash skin immediately with soap and water. In case of contact, immediately flush skin with plenty of water while removing contaminated clothing and shoes. In case of burns, immediately wash skin with cold water. Seek medical advice. Do not remove clothes stick to the skin. Seek medical advice.

FIRST AID - EYE CONTACT: In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

FIRST AID - INGESTION: If ingested, do not induce vomiting. If conscious, drink 8-10 oz. of water promptly. Call a physician immediately.

5. Fire-fighting Measures

UNUSUAL FIRE AND EXPLOSION HAZARDS: Heating may cause an explosion. Flammable liquid. Vapors can form an ignitable mixture with air. Vapors can flow along surfaces to a distant ignition source and flash back. Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks). When heated, emits highly irritating and noxious vapors.

SPECIAL FIREFIGHTING PROCEDURES: Do not use a solid water stream as it may scatter and spread fire. Move containers from fire area if you can do it without risk. All these products have a very low flash point: Use of water spray when fighting fire may be inefficient. Use a self-contained breathing apparatus with full facepiece operated in pressure-demand or other positive pressure mode. Flammable. Cool fire-exposed containers using water spray. For massive fire, use unmanned hose holders or monitor nozzles; if this is impossible, withdraw from area and let fire burn.

EXTINGUISHING MEDIA: Carbon Dioxide, Dry Chemical, Foam, Water Fog

6. Accidental Release Measures

ENVIRONMENTAL MEASURES: Do not allow to enter drains, sewers, or sewers. Inform the authorities in the event of a leak in natural water courses or in the sewage system.

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Keep unauthorized personnel away. Stay upwind, uphill and/or upstream. Water spray can reduce vapours, but may not prevent ignition in enclosed spaces. Ventilate closed spaces before entering. All equipment used when handling the product must be grounded. Use clean, non-sparking tools to collect absorbed material. Do not touch or walk through spilled material. Stop leak if you can do it without risk. Prevent entry into waterways, sewers, basements or confined areas. Use water spray to reduce vapors or divert vapor cloud drift. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Dike to prevent entering any sewer or waterway. Transfer liquid to a holding container. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).

7. Handling and Storage



HANDLING: Handle in accordance with good industrial hygiene and safety practice. Keep away from open flames, hot surfaces and sources of ignition. Keep out of reach of children. Take precautionary measures against static discharges. Hazardous residue may remain in emptied container. Do not reuse empty containers without commercial cleaning or reconditioning.

STORAGE: Keep in a dry, cool and well-ventilated place. Once used, the container should be closed and keep in a well ventilated area and in vertical position to prevent losses. Keep containers closed when not in use.

8. Exposure Controls/Personal Protection

Ingredients with Occupational Exposure Limits

| <u>Chemical Name</u> | <u>ACGIH TLV-TWA</u> | <u>ACGIH-TLV STEL</u> | <u>OSHA PEL-TWA</u> | <u>OSHA PEL-CEILING</u> |
|---------------------------------|----------------------|-----------------------|---------------------|-------------------------|
| n-Butyl Acetate | 150 ppm | N.E. | N.E. | N.E. |
| 1-methyl-2-methoxyethyl acetate | 50 mg/L | 100 mg/L | N.E. | N.E. |
| Xilene | 20 ppm 8h | 150 ppm 15 min | 100 ppm 8h | N.E. |
| Dibutyltin dicarboxilate | 0.1 mg/m3 | 0.2 mg/m3 | N.E. | N.E. |

Further Advice: MEL = Maximum Exposure Limit OES = Occupational Exposure Standard SUP = Supplier's Recommendation Sk = Skin Sensitizer N.E. = Not Established

Personal Protection

RESPIRATORY PROTECTION: In case of insufficient ventilation, wear suitable respiratory equipment.



SKIN PROTECTION: Wear nitrile or neoprene gloves. Gloves should be inspected before use. Use the correct technique to remove the gloves (without touching the exterior surface) to prevent skin contact with the product.



EYE PROTECTION: Wear chemical goggles and faceshield (if not wearing a full facepiece respirator). Wear approved eye protection according to applicable governmental regulations.



OTHER PROTECTIVE EQUIPMENT: When required, according to the concentration of the product, wear chemical protective clothing with limited thermal protection.



HYGIENIC PRACTICES: Wash hands and face before breaks and immediately after handling the product. Contaminated clothing should be changed and washed before reuse. Eating, drinking and smoking in immediate work area should be prohibited.

9. Physical and Chemical Properties

| | | | |
|--------------------------------------|-----------------------------|--|----------------|
| Appearance: | Líquido | Physical State: | Líquido |
| Odor: | Característico | Odor Threshold, ppb: | No establecido |
| Density, g/ml: | 1.759 | pH: | N.A. |
| Freeze Point, °C: | No Information | Viscosity, cP: | No Information |
| Solubility in Water: | No | Partition Coefficient, n-octanol/water: | No Information |
| Decomposition temperature, °C | No Information | | |
| Boiling Range, °C: | 124 - 217 | Explosive Limits, %: | 0.0 - 99.0 |
| Combustibility: | Does not Support Combustion | Flash Point, °C: | 33 |
| Evaporation Rate: | No Information | Auto-Ignition Temperature, °C | No Information |
| Vapor Density: | No Information | Vapor Pressure, mmHg: | No Information |

(See "Other information" Section for abbreviation legend)

10. Stability and Reactivity

STABILITY: Stable under recommended storage conditions.

CONDITIONS TO AVOID: Keep away from sources of ignition: heat, flame and sparks.

INCOMPATIBILITY: Oxidizing agents, strong acids and strong bases. Keep away from strong oxidizing agents, heat and open flames.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition can lead to release of irritating gases and vapors.

11. Toxicological Information



Practical Experiences

INFORMATION ON TOXICOLOGICAL EFFECTS

Acute Toxicity: No Information

Skin corrosion/irritation: No Information

Serious eye damage/eye irritation: No Information

Respiratory or skin sensitisation: No Information

Germ cell mutagenicity: No Information

Carcinogenicity: No Information

Reproductive toxicity: No Information

Specific target organ toxicity - single exposure: No Information

Specific target organ toxicity - repeated exposure: No Information

Aspiration hazard: No Information

Acute Toxicity Values

The acute effects of this product have not been tested. Data on individual components are tabulated below

| <u>CAS-No.</u> | <u>Chemical Name</u> | <u>Oral LD50</u> | <u>Dermal LD50 (mg/kg)</u> | <u>Vapor LC50</u> |
|----------------|---------------------------------|------------------|----------------------------|-------------------|
| 123-86-4 | n-Butyl Acetate | 7400 | N.I. | 2000 |
| 108-65-6 | 1-methyl-2-methoxyethyl acetate | 8532 | >2000 | 10000 |
| 1330-20-7 | Xilene | 4300 | N.I. | N.I. |
| 77-58-7 | Dibutyltin dicarboxilate | 2071 | >2000 | N.I. |

N.I. = No Information

Product's Dermal Toxicity: 13,796.55 mg/kg

12. Ecological Information

Toxicity: No Information

Persistence and Degradability: No Information

Bioaccumulative potential: No Information

Mobility in the soil: No Information

Other adverse effects: No Information

13. Disposal Information

DISPOSAL METHOD: Prevent entry into waterways, sewers, basements or confined areas.

14. Transport Information

SPECIAL TRANSPORT PRECAUTIONS: No Information

Sea Transport

| | |
|---|--|
| UN Number: | 1263 |
| IMDG/GGVSee Class: | No Information |
| Packing Group: | III |
| Shipping Name: | Pintura o Material Relacionado a Pintura |
| Marine Pollutant: | No Information |
| Shipping Hazard(Marine Pollutant): | No Information |

Air Transport

| | |
|-------------------------|----------------|
| UN Number: | 1263 |
| ICAO/IATA Class: | No Information |
| Packing Group: | III |

Shipping Name:

Pintura o Material Relacionado a

15. Regulatory Information

No information available

16. Other Information

Revision Date: 02-10-2017

Supersedes Date:

New MSDS

Reason for revision: No Information

Datasheet produced by: SUR Química S.A.

Hazardous Material Information System: HMIS

| | | | | | | | | | | | |
|--------|---|--------------|---|------------|---|---------------------|---|----------------|----|--------------|-----|
| Health | 2 | Flammability | 3 | Reactivity | 0 | Personal Protection | G | Chronic Hazard | No | Target Organ | N/A |
|--------|---|--------------|---|------------|---|---------------------|---|----------------|----|--------------|-----|

National Fire Protection Association: NFPA

| | | | | | | | |
|--------------|---|--------|---|------------|---|-----------------|-----|
| Flammability | 3 | Health | 2 | Reactivity | 0 | Special Hazards | N/A |
|--------------|---|--------|---|------------|---|-----------------|-----|

Text for GHS Hazard Statements shown in Section 3 describing each ingredient:

| | |
|------|--|
| H225 | Highly flammable liquid and vapour. |
| H226 | Flammable liquid and vapour. |
| H304 | May be fatal if swallowed and enters airways. |
| H312 | Harmful in contact with skin. |
| H314 | Causes severe skin burns and eye damage. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H320 | Causes eye irritation |
| H331 | Toxic if inhaled. |
| H332 | Harmful if inhaled. |
| H335 | May cause respiratory irritation. |
| H336 | May cause drowsiness or dizziness. |
| H341 | Suspected of causing genetic defects. |
| H360 | May damage fertility or the unborn child. |
| H370 | Causes damage to organs. |
| H372 | Causes damage to organs through prolonged or repeated exposure. |
| H373 | May cause damage to organs through prolonged or repeated exposure. |

Icons for GHS Pictograms shown in Section 3 describing each ingredient:

GHS02



GHS05



GHS06



GHS07



GHS08



Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

No Information