



SDS

Report No. : A2240420202102001

Company Name SHANXI UNI-MOON GREEN PAPER CO.,LTD.

shown on Report:

Address: NANCHANG VILLAGE, DUANCUN TOWN,
PINGYAO COUNTY, JINZHONG CITY, SHANXI
PROVINCE

Sample Name: Stone Paper-RP

Reviewed by:

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Stone Paper-RP

Version: V2.0.1.1
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*Prepared according to EU regulation No. 2020/878

1 Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

| | |
|---------------------------|--------------------------|
| Product Name | Stone Paper-RP |
| CAS No. | Not applicable |
| EC No. | Not applicable |
| Molecular Formula | Not applicable |
| REACH Registration Number | - |
| UFI | No information available |

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

| | |
|--------------------------|--|
| Relevant identified uses | Printing paper, packaging paper, disposable tableware. |
| Uses advised against | None. |

1.3 Details of the supplier of the Safety Data Sheet

| | |
|------------------------|--|
| Name of the company | Shanxi Uni-moon Green Paper Co.,Ltd. |
| Address of the company | Nanchang Village, Duancun town, Pingyao County, Jinzhong City, Shanxi Province |
| Post code | - |
| Telephone number | 18442806688 |
| Fax number | - |
| E-mail address | 2254771622@qq.com |

1.4 Emergency telephone number

| | |
|----------------------------|---------|
| Emergency telephone number | 5609528 |
| Opening hours | 24h |

2 Hazards identification

2.1 CLP classification according to Regulation (EC) No. 1272/2008

According to Regulation (EC) No 1272/2008 and its amendments. Not classified as a dangerous substance.

2.2 Label elements

| | |
|-------------------|----------------|
| Hazard pictograms | Not applicable |
| Signal word | Not applicable |

Hazard statements

| | |
|-------------------|----------------|
| Hazard statements | Not applicable |
|-------------------|----------------|

| Precautionary statements

| | | |
|--------------|------------|----------------|
| ◆ Prevention | | |
| | Prevention | Not applicable |
| ◆ Response | | |
| | Response | Not applicable |
| ◆ Storage | | |
| | Storage | Not applicable |
| ◆ Disposal | | |
| | Disposal | Not applicable |

| 2.3 Other hazards

◆ Results of PBT and vPvB assessment

| Component | Results of PBT and vPvB assessment [according to (EC) No 1907/2006] |
|-------------------|---|
| Calcium carbonate | Not applicable |
| Polyethylene | No information available |

◆ Results of endocrine disrupting properties assessment

| Component | Results of endocrine disrupting properties assessment [according to (EU) No 2017/2100 or (EU) No 2018/605] |
|-------------------|--|
| Calcium carbonate | No information available |
| Polyethylene | No information available |

◆ Other

| | |
|--|-----------------|
| | Not applicable. |
|--|-----------------|

3 Composition/information on ingredients

| 3.1 Substance/mixture

| | |
|--|---------|
| | Mixture |
|--|---------|

| Component | Weight % content (or range) | Classification according to Regulation (EC) No. 1272/2008 [CLP] | Specific Conc. Limits, M-factors |
|---|-----------------------------|---|----------------------------------|
| Calcium carbonate CAS: 471-34-1 EC: 207-439-9 Index No.: - | 80 | Not Classified | - |
| Polyethylene CAS: 9002-88-4 EC: 618-339-3 Index No.: - | 20 | Not Classified | - |

4 First-aid measures

4.1 Description of first aid measures

| | |
|-----------------------------------|--|
| General advice | Immediate medical attention is required. Show this safety data sheet (SDS) to the doctor in attendance. |
| Eye contact | First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor. |
| Skin contact | Rinse skin with plenty of water or shower. |
| Ingestion | Rinse mouth. |
| Inhalation | Fresh air, rest. |
| Protecting of first-aiders | Ensure that medical personnel are aware of the substance involved. Take precautions to protect themselves and prevent spread of contamination. |

4.2 Most important symptoms/effects, acute and delayed

| | |
|---|------------------------|
| 1 | Please see section 11. |
|---|------------------------|

4.3 Indication of any immediate medical attention and special treatment needed

| | |
|---|--------------------------|
| 1 | Treat symptomatically. |
| 2 | Symptoms may be delayed. |

5 Fire-fighting measures

5.1 Extinguishing media

| | |
|---------------------------------------|--|
| Suitable extinguishing media | Use extinguishing media suitable for surrounding area. |
| Unsuitable extinguishing media | There is no restriction on the type of extinguisher which may be used. |

5.2 Specific hazards arising from the substance or mixture

| | |
|---|---|
| 1 | Development of hazardous combustion gases or vapor possible in the event of fire. |
| 2 | Not considered a significant fire risk, however containers may burn. |

5.3 Advice for firefighters

| | |
|---|---|
| 1 | As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved or equivalent) and full protective gear. |
| 2 | Fight fire from a safe distance, with adequate cover. |
| 3 | Prevent fire extinguishing water from contaminating surface water or the ground water system. |

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

| | |
|---|---|
| 1 | Ensure adequate ventilation. Remove all sources of ignition. Take precautionary measures against static discharges. |
| 2 | Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. |
| 3 | Use personal protective equipment, do not breathe dust/fume. |

6.2 Environmental precautions

| | |
|---|---|
| 1 | Prevent further leakage or spillage if safe to do so. |
| 2 | Discharge into the environment must be avoided. |

| 6.3 Methods and materials for containment and cleaning up

| | |
|---|---|
| 1 | Cut off the source of the leak as much as possible. |
| 2 | Keep leaks in a ventilated place. |
| 3 | Isolation of contaminated areas and restrictions on access. |
| 4 | It is recommended that emergency personnel wear dust masks. |
| 5 | Collect the spill with a clean shovel and place it in a clean, dry, loosely closed container and move the container away from the leak. |
| 6 | Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations. |

| 6.4 Reference to other sections

| | |
|---|--|
| 1 | Personal Protective Equipment advice is contained in Section 8 of the SDS. |
| 2 | Disposal considerations advice is contained in Section 13 of the SDS. |

7 Handling and storage**| 7.1 Precautions for safe handling****◆ Protective measures**

| | |
|---|---|
| 1 | Handling is performed in a well ventilated place. |
| 2 | Wear suitable protective equipment. |
| 3 | Avoid contact with skin and eyes. |

◆ Measures to prevent fire

| | |
|---|---|
| 1 | Keep away from heat/sparks/open flames/ hot surfaces. |
|---|---|

◆ Measures to prevent aerosol and dust generation

| | |
|---|---|
| 1 | Avoid formation of dust and aerosols. |
| 2 | Provide appropriate exhaust ventilation at places where dust is formed. |

◆ Advice on general occupational hygiene

| | |
|---|--|
| 1 | Wash hands and face after using of the substances. |
| 2 | Replace the contaminated clothing immediately. |

| 7.2 Conditions for safe storage, including any incompatibilities

| | |
|---|--|
| 1 | Keep containers tightly closed. |
| 2 | Keep containers in a dry, cool and well-ventilated place. |
| 3 | Keep away from heat/sparks/open flames/hot surfaces. |
| 4 | Store away from incompatible materials and foodstuff containers. |

| 7.3 Specific end use(s)

| | |
|---|--|
| 1 | In addition to use mentioned in the Section 1.2, unforeseen other specific end uses. |
|---|--|

8 Exposure controls/personal protection

| 8.1 Control parameters

| Component | Country/Region | Limit value - Eight hours | | Limit value - Short term | |
|-------------------|-----------------|---------------------------|-------|--------------------------|-------|
| | | ppm | mg/m³ | ppm | mg/m³ |
| Calcium carbonate | USA - OSHA | - | 15 | - | - |
| | Latvia | - | 6 | - | - |
| | Ireland | - | 10 | - | - |
| | France | - | 10 | - | - |
| | Canada - Québec | - | 10 | - | - |
| | Australia | - | 10 | - | - |

◆ Biological limit values

| | |
|-------------------------|-------------------------|
| Biological limit values | No relevant regulations |
|-------------------------|-------------------------|

◆ Monitoring methods

| | |
|---|---|
| 1 | EN 14042 Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents. |
| 2 | GBZ/T 300 series standard Determination of toxic substances in workplace air. |

◆ Derived No effect level (DNEL)

| Component | Route of exposure | DNEL for Workers | | | |
|-------------------|-------------------|--------------------------|--------------------------|--------------------------|----------------------------|
| | | Acute effects (local) | Acute effects (systemic) | Chronic effects (local) | Chronic effects (systemic) |
| Calcium carbonate | Inhalation | No information available | No information available | 6.36 mg/m3 | No information available |
| | Oral | No information available | No information available | No information available | No information available |
| | Dermal | No information available | No information available | No information available | No information available |
| Polyethylene | Inhalation | No information available | No information available | No information available | No information available |
| | Oral | No information available | No information available | No information available | No information available |
| | Dermal | No information available | No information available | No information available | No information available |

◆ Predicted No Effect Concentration (PNEC)

| | |
|--|--------------------------|
| Predicted No Effect Concentration (PNEC) | No information available |
|--|--------------------------|

| 8.2 Exposure controls

| 8.2.1 Engineering controls

| | |
|---|--|
| 1 | Ensure adequate ventilation, especially in confined areas. |
| 2 | Ensure that eyewash stations and safety showers are close to the workstation location. |
| 3 | Set up emergency exit and necessary risk-elimination area. |
| 4 | Handle in accordance with good industrial hygiene and safety practice. |

| 8.2.2 Personal protection equipment

| | |
|--------------------------|---|
| General requirement | No special requirements, please see the description below. |
| Eye protection | In general situation, eye protection is not needed. In the production process, when contacting with vapour or dust, tightly fitting safety goggles. |
| Hand protection | In general situation, hand protection is not needed. |
| Respiratory protection | In general situation, respiratory protection is not needed. If exposure limits are exceeded or if irritation or other symptoms are experienced, wear dust proof mask or gas defence mask. |
| Skin and body protection | In general situation, skin and body protection are not needed. |

| 8.2.3 Environmental exposure controls

| | |
|---------------------------------|--------------------------|
| Environmental exposure controls | No information available |
|---------------------------------|--------------------------|

9 Physical and chemical properties

| 9.1 Information on basic physical and chemical properties

| | |
|---|--|
| Physical state | Solid |
| Colour | White |
| Odor | Odorless |
| Odor threshold | No information available |
| pH | No information available |
| Melting point/freezing point(°C) | No information available |
| Initial boiling point and boiling range(°C) | No information available |
| Flash point(Closed cup, °C) | Not applicable |
| Evaporation rate | Not applicable |
| Flammability | Flammable, somewhat flame retardant |
| Upper/lower explosive limits[% (v/v)] | Upper limit: No information available; Lower limit: No information available |
| Vapor pressure | Not applicable |
| Vapor density(Air = 1) | Not applicable |
| Relative density(Water=1) | No information available |
| Solubility | No information available |
| n-octanol/water partition coefficient | No information available |
| Auto-ignition temperature(°C) | No information available |
| Decomposition temperature(°C) | No information available |
| Kinematic viscosity(mm²/s) | No information available |
| Explosive properties | Not explosive |
| Oxidizing properties | Not oxidizing |
| Particle characteristics | No information available |

| 9.2 Other information

| 9.2.1 Information with regard to physical hazard classes

| | |
|--|--------------------------|
| Information with regard to physical hazard classes | No information available |
|--|--------------------------|

| 9.2.2 Other safety characteristics

| | |
|------------------------------|--------------------------|
| Other safety characteristics | No information available |
|------------------------------|--------------------------|

10 Stability and reactivity

| Stability and reactivity

| | |
|---|--|
| 10.1 Reactivity | Contact with incompatible substances can cause decomposition or other chemical reactions. |
| 10.2 Chemical stability | Stable under proper operation and storage conditions. |
| 10.3 Possibility of hazardous reactions | No information available. |
| 10.4 Conditions to avoid | Incompatible materials, heat, flame and spark. |
| 10.5 Incompatible materials | No information available. |
| 10.6 Hazardous decomposition products | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |

11 Toxicological information

| 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

| Stone Paper-RP | |
|-------------------------------|--|
| Skin corrosion/irritation | Based on available data, the classification criteria are not met |
| Serious eye damage/irritation | Based on available data, the classification criteria are not met |
| Skin sensitization | Based on available data, the classification criteria are not met |
| Respiratory sensitization | Based on available data, the classification criteria are not met |
| Reproductive toxicity | Based on available data, the classification criteria are not met |
| STOT-single exposure | Based on available data, the classification criteria are not met |
| STOT-repeated exposure | Based on available data, the classification criteria are not met |
| Aspiration hazard | Based on available data, the classification criteria are not met |
| Germ cell mutagenicity | Based on available data, the classification criteria are not met |

| Acute toxicity

| Component | LD ₅₀ (oral) | LD ₅₀ (dermal) | LC ₅₀ (inhalation,4h) |
|-------------------|-------------------------|---------------------------|----------------------------------|
| Calcium carbonate | 6450mg/kg(Rat) | No information available | No information available |

| Carcinogenicity

| Component | List of carcinogens by the IARC Monographs | Report on Carcinogens by NTP |
|-------------------|--|------------------------------|
| Calcium carbonate | Not Listed | Not Listed |

| | | |
|--------------|------------|------------|
| Polyethylene | Category 3 | Not Listed |
|--------------|------------|------------|

| 11.2 Information on other hazards

| 11.2.1 Endocrine disrupting properties

| Component | Endocrine disrupting properties |
|-------------------|---------------------------------|
| Calcium carbonate | No information available |
| Polyethylene | No information available |

| 11.2.2 Other Information

| | |
|-------------------|------------------|
| Other Information | See Section 11.1 |
|-------------------|------------------|

12 Ecological information

| 12.1 Toxicity

| Acute aquatic toxicity

| | |
|------------------------|--------------------------|
| Acute aquatic toxicity | No information available |
|------------------------|--------------------------|

| Chronic aquatic toxicity

| | |
|--------------------------|--------------------------|
| Chronic aquatic toxicity | No information available |
|--------------------------|--------------------------|

| 12.2 Persistence and degradability

| Component | Persistence (water/soil) | Persistence (air) |
|--------------|--------------------------|-------------------|
| Polyethylene | Low | Low |

| 12.3 Bioaccumulative potential

| Component | Bioaccumulative potential | Comments |
|--------------|---------------------------|----------------|
| Polyethylene | Low | Log Kow=1.2658 |

| 12.4 Mobility in soil

| Component | Mobility in soil | Soil Organic Carbon-Water Partitioning Coefficient (Koc) |
|--------------|------------------|--|
| Polyethylene | Low | 14.3 |

| 12.5 Results of PBT and vPvB assessment

| Component | Results of PBT and vPvB assessment [according to (EC) No 1907/2006] |
|-------------------|---|
| Calcium carbonate | Not applicable |
| Polyethylene | No information available |

| 12.6 Endocrine disrupting properties

| Component | Endocrine disrupting properties |
|-----------|---------------------------------|
|-----------|---------------------------------|

| | |
|-------------------|--------------------------|
| Calcium carbonate | No information available |
| Polyethylene | No information available |

| 12.7 Other adverse effects

| |
|--------------------------|
| No information available |
|--------------------------|

13 Disposal considerations

| 13.1 Waste treatment methods

| | |
|--------------------------|--|
| Waste chemicals | Before disposal should refer to the relevant national and local laws and regulation. Recommend the use of incineration disposal. |
| Contaminated packaging | Containers may still present chemical hazard when empty. Keep away from hot and ignition source of fire. Return to supplier for recycling if possible. |
| Disposal recommendations | Refer to section waste chemicals and contaminated packaging. |

14 Transport information

| Label

| | |
|--------------------|----------------|
| Transporting Label | Not applicable |
|--------------------|----------------|

| IMDG-CODE

| | |
|-----------|--|
| IMDG-CODE | NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS |
|-----------|--|

| ICAO/IATA-DGR

| | |
|----------|--|
| IATA-DGR | NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS |
|----------|--|

| UN-ADR

| | |
|--------|--|
| UN-ADR | NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS |
|--------|--|

| Maritime transport in bulk according to IMO instruments

| | |
|---|--------------------------|
| ◆Transport in bulk according to Annex II of MARPOL and the IBC code | No information available |
| ◆Transport in bulk in accordance with MARPOL Annex V and the IMSBC Code | No information available |
| ◆Transport in bulk in accordance with the IGC Code | No information available |

15 Regulatory information

| 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

| International chemical inventory

| Component | EC inventory | TSCA | DSL | IECSC | NZIoC | PICCS | KECI | AIICS | ENCS |
|-------------------|--------------|------|-----|-------|-------|-------|------|-------|------|
| Calcium carbonate | √ | √ | √ | √ | √ | √ | √ | √ | √ |

| | | | | | | | | | |
|---------------------|---|---|---|---|---|---|---|---|---|
| Polyethylene | x | √ | √ | √ | √ | √ | √ | √ | √ |
|---------------------|---|---|---|---|---|---|---|---|---|

| | |
|----------------|---|
| [EC inventory] | European Inventory of Existing Commercial Chemical Substances |
| [TSCA] | United States Toxic Substances Control Act Inventory |
| [DSL] | Canadian Domestic Substances List |
| [IECSC] | China Inventory of Existing Chemical Substances |
| [NZIoC] | New Zealand Inventory of Chemicals |
| [PICCS] | Philippines Inventory of Chemicals and Chemical Substances |
| [KECI] | Korea Existing Chemicals Inventory |
| [AIICS] | Australian. Inventory of Industrial Chemical (AIICS) |
| [ENCS] | Japan Inventory of Existing & New Chemical Substances |

| European chemical inventory

| Component | A | B | C | D | E | F | G | H | I |
|--------------------------|---|---|---|---|---|---|---|---|---|
| Calcium carbonate | x | x | x | √ | √ | x | x | x | x |
| Polyethylene | x | x | x | √ | x | x | x | x | x |

| | |
|-----|---|
| [A] | Candidate list of Substances of Very High Concern for authorization under EU REACH regulation |
| [B] | Substances requiring authorisation under EU REACH regulation |
| [C] | Substances restricted under EU REACH |
| [D] | Pre-registered substances under EU REACH |
| [E] | Registered substances under EU REACH |
| [F] | Substance Evaluation – CoRAP under EU REACH |
| [G] | List of priority substances under EU water policy (Directive 2455/2001/EC) |
| [H] | Substances subject to POPs Regulation |
| [I] | Substances proposed as POPs |

Note:

- “√” Indicates that the substance included in the regulations.
 “x” No data or not included in the regulations.

| 15.2 Chemical safety assessment

| | |
|--|--|
| | No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier. |
|--|--|

16 Other information

| Information on revision

| | |
|----------------------------|------------|
| Creation Date | 2024/07/22 |
| Revision Date | 2024/07/22 |
| Reason for revision | - |

| Reference

- [1] IPCS: The International Chemical Safety Cards (ICSC), website: <http://www.ilo.org/dyn/icsc/showcard.home>.
- [2] IARC, website: <http://www.iarc.fr/>.
- [3] OECD: The Global Portal to Information on Chemical Substances, website: <https://www.chemportal.org/chemportal/>.
- [4] CAMEO Chemicals, website: <http://cameochemicals.noaa.gov/search/simple>.
- [5] NLM: ChemIDplus, website: <http://chem.sis.nlm.nih.gov/chemidplus/chemidlite.jsp>.
- [6] EPA: Integrated Risk Information System, website: <http://cfpub.epa.gov/iris/>.
- [7] U.S. Department of Transportation: ERG, website: <http://www.phmsa.dot.gov/hazmat/library/erg>.
- [8] Germany GESTIS-database on hazard substance, website: <http://gestis-en.itrust.de/>.

| Abbreviations and acronyms

| | | | |
|------------------|--------------------------------------|-----------|---|
| CAS | Chemical Abstracts Service | UN | The United Nations |
| PC-STEL | Short term exposure limit | OECD | Organization for Economic Co-operation and Development |
| PC-TWA | Time Weighted Average | IMDG-CODE | International Maritime Dangerous Goods CODE |
| MAC | Maximum Allowable Concentration | IARC | International Agency for Research on Cancer |
| DNEL | Derived No Effect Level | ICAO | International Civil Aviation Organization |
| PNEC | Predicted No Effect Concentration | IATA | International Air Transportation Association |
| NOEC | No Observed Effect Concentration | ACGIH | American Conference of Governmental Industrial Hygienists |
| LC ₅₀ | Lethal Concentration 50% | NFPA | National Fire Protection Association |
| LD ₅₀ | Lethal Dose 50% | NTP | National Toxicology Program |
| EC ₅₀ | Effective Concentration 50% | PBT | Persistent, Bioaccumulative, Toxic |
| EC _x | Effective Concentration X% | vPvB | very Persistent, very Bioaccumulative |
| P _{OW} | Partition coefficient Octanol: Water | CMR | Carcinogens, mutagens or substances toxic to reproduction |
| BCF | Bioconcentration factor | RPE | Respiratory Protective Equipment |
| ED | Endocrine disruptor | | |

| Disclaimer

This Safety Data Sheet (SDS) was prepared according to REACH Regulation. The data included was derived from international authoritative database and provided by the enterprise. Other information was based on the present state of our knowledge. We try to ensure the correctness of all information. However, due to the diversity of information sources and the limitations of our knowledge, this document is only for user's reference. Users should make their independent judgment of suitability of this information for their particular purposes. We do not assume responsibility for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.

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