RUI KE INDUSTRIAL CO., LTD

Material Safety Data Sheet

Last Revision Date:2021/05/20
Version No.: GHS 1.0

SOLLYD HEAT TRANSFER GLUE information is below:

1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY

1.1 Product Name: HEAT TRANSFER GLUE
1.2 Product Code: **1818**
1.3 Chemical Classification: Liquid silicone based
1.4 Recommended Product Usage : for heat transfer printing
1.5 Manufacturer/Supplier: RUI KE INDUSTRIAL CO., LTD
Address: Yingshuo industry, no.177 wenming road, qiaotou town, Dongguan city, Guangdong, China
Telephone Number: 86-0769-83138353 **Fax Number:** 86-0769-22313916
Email Address: dgruike@vip.163.com
Emergency Telephone Number: 86-0769-83138353

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2. HAZARD IDENTIFICATION

2.1 Hazard Classification: Not hazardous.
2.2 Label Elements Including Precautionary Statements
Symbol: None.
Signal Word: None.
Hazard Risk Statement: Not hazardous.
Precautionary Statement: Avoid contact with skin and eyes.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IF ON SKIN: Wash with plenty of soap and water.
2.3 Other Hazard: None known.

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3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Chemical characterization: Mixture
3.2 Hazardous Ingredients: no hazarous
3.3 Components:

Chemical Name	CAS No.	% (w/w)
Vinyl polysiloxane	68083-18-1	5
Silicone oil	63148-62-9	5
PE	25038-59-9	30
PU	618-449-1	30
Naphtha	64742-94-5	30

SOLLYD HEAT TRANSFER GLUE information is below:

4. FIRST AID MEASURES

4.1 First Aid Measures

Eyes: Immediately flush with water.

Skin: No first aid should be needed.

Inhalation: No first aid should be needed.

Oral: Get medical attention.

Comments: Treat symptomatically.

4.2 Important Symptoms and Hazard Effects: No significant adverse effects from normal use.

4.3 Personal Protection for First Aid or Rescue Personnel

Respiratory Protection: No respiratory protection should be needed.

Eye Protection: Use proper protection - safety glasses as a minimum.

Skin Protection: Washing at mealtime and end of shift is adequate.

4.4 Note to physicians: Treat symptomatically. For further information, the medical practitioner should contact RUI KE INDUSTRIAL CO., LTD

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5. FIRE-FIGHTING MEASURES

5.1 Suitable Extinguishing Media: On large fires use dry chemical, foam or water spray. On small fires use carbon dioxide (CO2), dry chemical or water spray. Water can be used to cool fire exposed containers.

5.2 Unsuitable Extinguishing Media: None established.

5.3 Specific Hazards: None.

5.4 Special Fire Fighting Procedures: Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool.

5.5 Special protective equipment for the Fire Fighters: Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals.

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6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions: Avoid eye contact. Do not take internally.

6.2 Environmental Precautions: Prevent from spreading or entering into drains, ditches or rivers by using sand, earth or other appropriate barriers.

SOLLYD HEAT TRANSFER GLUE information is below:

6.3 Methods for Cleaning up: Determine whether to evacuate or isolate the area according to your local emergency plan.
Observe all personal protective equipment recommendations described in this MSDS. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbant. Clean area as appropriate since spilled materials, even in small quantities, may present a slip hazard. Final cleaning may require use of steam, solvents or detergents. Dispose of saturated absorbant or cleaning materials appropriately, since spontaneous heating may occur. Laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which laws and regulations are applicable.

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7. HANDLING AND STORAGE

7.1 Handling Precautions: Use with adequate ventilation. Avoid eye contact. Do not take internally. Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking orsmoking.

7.2 Storage Conditions: Use reasonable care and store away from oxidizing materials.

7.3 Unsuitable Packaging Materials: None established.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Engineering Controls

Local Ventilation: None should be needed.

General Ventilation: Recommended.

8.3 Personal Protective Equipment for Routine Handling

Respiratory protection: No respiratory protection should be needed.

Suitable Respirator: None should be needed.

Eye protection: Use proper protection - safety glasses as a minimum.

Hand protection: No special protection needed.

Skin protection: Washing at mealtime and end of shift is adequate.

Hygiene Measures: Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking.

8.4 Personal Protective Equipment for Spills

Respiratory protection: No respiratory protection should be needed.

SOLLYD HEAT TRANSFER GLUE information is below:

Eye protection: Use proper protection - safety glasses as a minimum.
Skin protection: Washing at mealtime and end of shift is adequate.
Precautionary Measures: Avoid eye contact. Do not take internally. Use reasonable care._
Comments: If this product is heated to > 150 degrees C, trace quantities of formaldehyde may be released, and adequate ventilation is required.
Note: These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may require added precautions. For further information regarding aerosol inhalation toxicity, please refer to the guidance document regarding the use of silicone-based materials in aerosol applications that has been developed by the silicone industry (www.SEHSC.com) or contact the rui ke industrial co. ,ltd customer service group.

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9. PHYSICAL AND CHEMICAL PROPERTIES
9.1 Physical Form: Viscous Liquid
9.2 Color: yellow transparent
9.3 Odor: slight odor
9.4 pH: 7
9.5 Melting Point: Not determined.
9.6 Boiling point/range: > 100 °C
9.7 Flash Point: > 100 °C(Closed Cup)
9.8 Explosive Limit: Not determined.
9.9 Vapor Pressure @ 25°C: Not determined.
9.10 Vapour Density (air=1): Not determined.
9.11 Specific Gravity: 1.1 g/cm3
9.12 Water Solubility: Not determined.
9.13 Partition Coefficient (n-Octanol/Water): Not determined.
9.14 Autoignition temperature: Not determined.
9.15 Decomposition Temperature : Not determined.
9.16 Odor Threshold: Not determined.
9.17 Evaporation Rate: Not determined.
9.18 Flammability (Solid, Gas): Not applicable.
The above information is not intended for use in preparing product specifications. Contact RUI KE INDUSTRIAL CO., LTD before writing specifications.

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10. STABILITY AND REACTIVITY

11. 10.1 Stability: Stable.

SOLLYD HEAT TRANSFER GLUE information is below:

10.2 Possibility of Hazardous
Reactions: Hazardous polymerization will not occur.
10.3 Conditions to Avoid: None.
10.4 Materials to Avoid: Can react with strong oxidising agents.
10.5 Hazardous Decomposition
Products: Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide. Formaldehyde.

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11. TOXICOLOGICAL INFORMATION
11.1 Route of Exposure: Inhalation, skin contact and accidental ingestion.
11.2 Signs and Symptoms of
Overexposure: No significant adverse effects from normal use.
Eyes: Direct contact may cause temporary redness and discomfort.
Skin: No significant irritation expected from a single short-term exposure.
Ingestion: Low ingestion hazard in normal use.
Inhalation: No significant effects expected from a single short-term exposure.
11.3 Chronic Toxicity
Skin: No known applicable information.
Ingestion: Repeated ingestion or swallowing large amounts may injure internally.
Inhalation: No known applicable information.
11.4 Other Health Hazard
Information: No known applicable information.
The above listed potential effects of overexposure are based on actual data, the results of studies performed upon similar compositions, component data, and/or expert review of the products.

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12. ECOLOGICAL INFORMATION
12.1 Aquatic and Terrestrial Ecotoxicity
Ecotoxicity Effects:
Acute: No adverse effects on aquatic organisms.
Chronic: No adverse effects on aquatic organisms.
Fate and Effects in Waste
Water Treatment Plants:
No adverse effects on bacteria. Removed > 90% by binding onto sewage sludge. The siloxanes in this product do not contribute to the BOD.

SOLLYD HEAT TRANSFER GLUE information is below:

12.2 Persistence and Degradability
Degradation: In soil, siloxanes are degraded.
12.3 Bioaccumulative Potential
Bioaccumulation: No bioaccumulation potential.
12.4 Mobility in Soil: Siloxanes are removed from water by sedimentation or binding to sewage sludge.
12.5 Additional Environmental Information:
Additional environmental information on the silicone component is available on request.

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13. DISPOSAL CONSIDERATIONS
13.1 Product Disposal: Dispose of in accordance with local regulations.
13.2 Packaging Disposal: Dispose of in accordance with local regulations.

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14. TRANSPORT INFORMATION
14.1 Road and Rail Transport applicable.
14.2 Sea Transport (IMDG) subject to IMDG code.
14.3 Air Transport (IATA) subject to IATA regulations.
14.4 Special Requirements and Additional Information : None.

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15. REGULATORY INFORMATION
15.1 Applicable Laws: Provisions of the Regulations for the Safe Handling of Chemicals in the Workplace. General rule for classification and hazard communication of chemicals [GB 13690-2009]
15.2 Chemical Inventories
IECSC: All ingredients listed or exempt.
DSL: All chemical substances in this material are included on or exempted from the DSL.
EINECS: All ingredients listed or exempt.
ENCS/ISHL: All components are listed on ENCS/ISHL or its exempt rule.
KECL: All ingredients listed, exempt or notified.
TSCA: All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.
AICS: All ingredients listed or exempt.
PICCS: Not determined.

HSNO: Not determined.

SOLLYD HEAT TRANSFER GLUE information is below:

16. OTHER INFORMATION

16.1 Contact Point: Technical Information Center 86-0769-83138353

16.2 Prepared by: RUI KE INDUSTRIAL CO., LTD

Legend:

- No specific information available

This information is offered in good faith as typical values and not as a product specification. No warranty, expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable.

However, each user should review these recommendations in the specific context of the intended use and determine whether they

are appropriate.

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