

STICK-A-POO JOY JUICE, SPEEDBALL ACRYLIC ADHESIVE MODIFIER

SAFETY DATA SHEET (SDS)

Version: 01

Date of Issue: January 30, 2020

According to: OSHA Hazard Communication Standard 29
CFR 1910.1200(g) Rev. 2012, WHMIS 2015
(Hazardous Products Regulations)

Section 1 – Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product identifier

Product Name: Stick-A-Poo Joy Juice, Speedball Acrylic Adhesive Modifier
Product Description: Liquid formulations (8 fl. oz.) intended to be mixed with acrylic silk screen printing inks to promote adhesion to hard-to-stick-surfaces.

1.2 Relevant identified uses of the substance or mixture

Relevant identified use(s): Use product for its intended purpose as an additive to acrylic silk screen printing inks. This product is intended for home studios and small batch use.

1.3 Details of the supplier of the safety data sheet

2301 Speedball Road
Statesville, NC, USA, 28677
Business Phone: 704-978-4196

1.4 Emergency telephone number

Emergency Telephone: 704-978-4196

Section 2 – Hazard(s) Identification

2.1. Classification of the substance or mixture

According to: UN Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

Health	Environmental	Physical
Not classified	Not classified	Not classified

2.2. Label elements

Label Pictogram: Not applicable

Signal Word: Not applicable

2.3. Other hazards

- This product is not considered a hazardous mixture under the U.S. Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200) or WHMIS 2015 (Hazardous Products Regulations).

Section 3 – Composition / Information on Ingredients

Mixture

<u>Chemical Name</u>	<u>CAS No.</u>	<u>EINECS No.</u>	<u>% Weight</u>
Adipic dihydrazide	1071-93-8	213-999-5	0.5% - 1%

Section 4 – First Aid Measures

4.1 Description of first aid measures

Eye contact: No specific first aid measures are required. As a precaution, remove contact lenses, if worn, and immediately flush eyes with water. Seek medical attention if in doubt.

Skin contact: Wash skin thoroughly with soap and water. If skin irritation or rash occurs: get medical attention. Launder contaminated clothing before reuse.

Inhalation: Inhalation route of exposure is not anticipated with intended use. If exposed to excessive levels of material in the air, move the exposed person to fresh air. Seek medical attention if in doubt.

Ingestion: No specific first aid measures are required. Rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Seek medical attention if in doubt.

4.2 Most important symptoms and effects, both acute and delayed

- Refer to **Section 11** - Toxicological Information.

4.3 Indication of any immediate medical attention and special treatment needed

- Not required

Section 5 – Fire Fighting Measures

5.1 Extinguishing media

Suitable Extinguishing Media: Use extinguishing media suitable for surrounding area if material is involved in a fire (e.g., water fog, water spray, foam, dry chemical or carbon dioxide).

Unsuitable Extinguishing Media: None known

5.2 Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards: Material will not burn until water has been evaporated. Container may rupture on heating. See also **Section 10** - Stability and Reactivity.

5.3 Advice for firefighters

- Wear a self-contained breathing apparatus.

Section 6 – Accidental Release Measures

6.1 Personal precautions, protective equipment (PPE) and emergency procedures

Personal Precautions: Ventilate area if spilled in confined space or other poorly ventilated areas. Observe PPE advice in **Section 8** – Exposure Controls/Personal Protection.

Emergency Procedures: Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep unauthorized personnel away.

6.2 Environmental precautions:

- Prevent entry and contact with soil, drains, sewers, and waterways. Inform relevant local/regional/national/international authorities. Prevent further leakage or spillage if it is safe to do so.

6.3 Methods and material for containment and cleaning up

Containment/Clean-up Measures: Contain spill if safe to do so. Dike far ahead of larger spill for later recovery and disposal. Collect recoverable product and place in a designated container for recycle and/or disposal. Residual liquid can be absorbed on inert material. Dispose of contents/container in accordance with local/regional/national/international regulations.

Wash with soap and water. Spilled liquid and dried film are slippery. Use care to avoid falls.

6.4 Reference to other sections

- Refer to **Section 8** - Exposure Controls/Personal Protection and **Section 13** – Disposal Considerations.

Section 7– Handling and Storage

7.1 Precautions for safe handling

- Avoid contact with eyes and prolonged or repeated contact with skin and clothing. Avoid breathing dust/fume/gas/mist/vapors/spray. Provide adequate ventilation. Observe good industrial hygiene practices. When using do not eat, drink or smoke. Wear appropriate personal protective equipment. Stir well before use. Keep containers closed when not in use. Minimize contact with air to reduce contamination with mold, fungus, or other organisms which could cause decomposition or spoilage. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Launder contaminated clothing before reuse.
- Maximum Handling Temperature: 25 °C, 77 °F
- Refer to **Section 8** - Exposure Controls/Personal Protection

7.2 Conditions for safe storage, including any incompatibilities

- Keep from freezing. Do not store in open, unlabeled or mislabeled containers. Store away from incompatible materials. See section 10 for incompatible materials.

Maximum storage temperature: 30 °C, 86 °F

7.3 Specific end use(s)

- Refer to **Section 1.2** - Relevant identified uses.

Section 8– Exposure Controls / Personal Protection

8.1 Control Parameters:

Occupational exposure limits: None of the components have assigned exposure limits.

8.2 Exposure Controls:

Appropriate engineering controls

- Use material in well ventilated area only. No special requirements under ordinary conditions of use and with adequate ventilation. Mechanical ventilation or local exhaust ventilation may be required. Use ventilation or other engineering controls to maintain airborne concentrations below exposure limits.

8.3 Personal Protective Equipment

Note: Consider the concentration and amount of product at the workplace when selecting PPE. Use protective equipment as required.

Respiratory: Under normal conditions of use, respirator is not usually required. Use appropriate respiratory protection if exposure to dust particles, mist or vapors is likely. Use self-contained breathing apparatus for entry into confined space, for other poorly ventilated areas and for large spill clean-up

sites. Consult with an industrial hygienist to determine the appropriate respiratory protection for your specific use of this material. A respiratory protection program compliant with all applicable regulations must be followed whenever workplace conditions require the use of a respirator.

- Eyes/Face:** If contact is likely, safety glasses with side shields are recommended.
- Hands:** No special hand or skin protection is generally required. Use good industrial hygiene practices to avoid skin contact. If contact with the material may occur, wear chemically protective gloves. Suitable gloves can be recommended by the glove supplier.
- Body/Skin:** Gloves, coveralls, apron, boots as necessary to minimize contact. Do not wear rings, watches or similar apparel that could entrap the material.
- Thermal Hazards:** None known
- Environmental Exposure Controls:** Not available
- Hygiene measures:** Observe good industrial hygiene practices. Avoid contact with skin. Contaminated work clothing should not be allowed out of the workplace and should be washed before reuse. When using the product do not eat, drink or smoke.

Section 9 – Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Note: The data below are typical values and do not constitute a specification.

Appearance: Physical state: Form: Color: Odor:	Liquid Liquid White Mild	Partition Coefficient n-octanol/water: Auto-ignition temperature:	No data available No data available
Odor threshold:	No data available	Decomposition temperature:	No data available
pH (as supplied):	8 – 9.2	Dynamic viscosity:	< 200 mPa.s (25 °C 77 °F)
Freezing point:	Approximate 0 °C (32 °F)	Molecular weight:	No data available
Boiling point:	Approximate 100°C (212 °F)	Taste:	No data available
Flash point:	>94 °C (> 201 °F) (Pensky-Martens Closed Cup)	Explosive properties:	No data available
Evaporation rate:	< 1 n-butyl acetate=1	Oxidizing properties:	No data available
Flammability:	No data available	Surface tension:	No data available
Upper/lower explosive limits:	No data available	Gas group:	No data available
Vapor pressure:	Approximate 18 torr (20 °C 68 °F)	pH (as solution):	No data available
Water solubility:	Dispersible	VOC:	No data available
Solubility (other):	No data available	Particle size range:	No data available
Vapor density (Air = 1):	< 1	Specific gravity (Water = 1):	No data available
Relative density:	1.01 20 °C (68 °F)		

9.2 Other information

Percent volatile component: 55% - 57% (% by weight)
Percent solid: Approximate 44 % (% by weight)
Bulk density: Approximate 8.41 lb/gal 25 °C (77 °F)

Section 10 – Stability and Reactivity

10.1 Reactivity

- No data available

10.2 Chemical stability

- This material is considered stable under normal handling and storage conditions.

10.3 Possibility of hazardous reactions

- Will not occur

10.4 Conditions to avoid

- Do not freeze

10.5 Incompatible materials

- Contact with acids, bases and strong oxidizing agents

10.6 Hazardous decomposition products

- Thermal decomposition or combustion may generate smoke, carbon monoxide, carbon dioxide, and other products of incomplete combustion. Irritating and toxic substances may be emitted upon combustion, burning, or decomposition of dry solids.

Section 11 – Toxicological Information

Likely routes of exposure: Skin contact

Potential signs and symptoms:

Acute oral toxicity:	Practically nontoxic based on animal studies. The oral ATE >5000.
Acute dermal toxicity:	Practically non-toxic based on available data.
Acute inhalation toxicity:	Practically non-toxic based on available data.
Skin corrosion/irritation:	Adipic dihydrazide (CAS No. 1071-93-8) particles/dust may cause slight skin irritation. Animal (rabbit) data indicates the product is non-irritating. However, classification criteria are not met. The other components in this product are not irritating to the skin based on available data.
Serious eye damage/irritation:	The components in this product are not irritating to the eyes based on animal studies and available data.
Respiratory or skin sensitization:	Adipic dihydrazide (CAS No. 1071-93-8) is a skin sensitizer (Category 1); however, data indicates that classification is not warranted at the concentrations in the product. The other components in this product are not sensitizing to the skin based on available data. No data available on respiratory sensitization.
Mutagenicity:	No components are classified with respect to mutagenicity by the IARC, NTP, and ACGIH.
Carcinogenicity:	The components in this product are not carcinogenic based on available information, human and/or animal studies.

Reproductive Toxicity:	The components in this product are not reproductive hazards based on available information, human and/or animal studies.
Specific target organ toxicity (single exposure):	Adipic dihydrazide (CAS No. 1071-93-8) may cause irritation of the upper respiratory tract and mucus membranes if the product is misted or if vapors are generated from heating.
Specific target organ toxicity (repeated exposure):	The components in this product are not repeated exposure specific target organ toxicity hazards based on available information, human and/or animal studies.
Aspiration hazard:	The components in this product are not aspiration hazards based on available information, human and/or animal studies.

References:

ECHA. 2020. REACH Registered Substances Database.
 Lubrizol. 2018. HYCAR® 26951 Safety Data Sheet. Version 4.0.

Section 12 – Ecological Information

12.1 Toxicity

- This product is not expected to be harmful or toxic to aquatic life. See ecotoxicity data below.

Chemical Name	CAS No.	Species	Test Results (mg/L)
Adipic dihydrazide	1071-93-8	Fish [Common Carp]	96-hour LC50 = >100
		Aquatic Invertebrates [Daphnia magna]	48-hour EC50 = >106
		Aquatic Plants [Algae (Pseudokirchneriella subcapitata)]	72-hour EC50 = 8.7

12.2 Persistence and degradability

- Adipic dihydrazide (CAS No. 1071-93-8), 62.14%, 28 d, readily biodegradable

12.3 Bioaccumulative potential

- The partition coefficient n-octanol / water (log Kow) for adipic dihydrazide (CAS No. 1071-93-8) is -2.7, 20°C (68 °F).

12.4 Mobility in Soil

- No data available

12.5 Results of PBT and vPvB assessment

- No data available

12.6 Other adverse effects

- No further data available

References:

Lubrizol. 2018. HYCAR® 26951 Safety Data Sheet. Version 4.0.

Section 13 – Disposal Considerations

13.1 Waste treatment methods

Preparing wastes for disposal: Use product for its intended purpose or recycle if possible. Dispose of waste in accordance with local, regional, national, and/or international regulations. The empty container has residues which may exhibit hazards of the product.

Contaminated Packaging: Container packaging may exhibit hazards.

Section 14 – Transport Information

Note: This product is not regulated as dangerous goods for transport. Review classification requirements before shipping materials at elevated temperatures.

	ADR/RID/ADNR/DOT	IMO/IMDG	ICAO/IATA
14.1 UN number	Not regulated	Not regulated	Not regulated
14.2 UN proper shipping name	Not regulated	Not regulated	Not regulated
14.3 Transport hazard class(es):	Not regulated	Not regulated	Not regulated
14.4 Packing group	Not regulated	Not regulated	Not regulated
14.5 Environmental hazards	None	None	None
14.6 Special precautions for user	None	None	None
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable	Not applicable	Not applicable

Section 15 – Regulatory Information

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

United States

Federal Regulations:

Comprehensive Environmental Response and Liability Act of 1980 (CERCLA):

Chemical Name	CAS No.	Reportable Quantity	Calculated ^a
Methyl methacrylate	80-62-6	1000 lbs	> 22680 kg, > 50000 lbs
Styrene	100-42-5	1000 lbs	> 22680 kg, > 50000 lbs

^a The amount of product required to be released before CERCLA reporting is required

Clean Water Act (CWA): No components in this product are listed as toxic pollutants.

Clean Air Act (CAA): Methyl methacrylate (CAS No. 80-62-6) and styrene (CAS No. 100-42-5) are listed under the organic hazardous air pollutant national emission standards, Section 112(b). No other components in this product are listed under the CAA.

Superfund Amendments and Reauthorization Act (SARA) Title III Information:

SARA 302 Components: No components in this product are subject to reporting requirements of S.302.

SARA 304 Emergency Release Notification:

Chemical Name	CAS No.	Percent by Weight (ppm)	Calculated
Methyl methacrylate	80-62-6	300.0	453.6 kg, 1000 lbs
Styrene	100-42-5	150.0	453.6 kg, 1000 lbs

SARA 311/312 Hazards: Respiratory or skin sensitization.

SARA 313 Components: No components in this product are subject to reporting requirements of S.313.

Toxic Substances Control Act (TSCA): All components are listed on the non-confidential TSCA inventory or are exempt. This product contains one or more polymers manufactured under the polymer exemption rule.

State Regulations:

California: Styrene (CAS No. 100-42-5) is listed under Proposition 65 (CA Health & Safety Code Section 25249.5) as a chemical known to the state to cause cancer. The product contains trace levels of styrene; however, exposure to the trace concentration of this chemical in the product does not exceed the NSRL and warnings for the purpose of California Proposition 65 are not necessary. No other components in this product are listed.

Canada CEPA DSL/NDSL: The components of this product are included on the DSL or are exempt from DSL/NDSL requirements

International:

IARC: Styrene (CAS No. 100-42-5) is classified as carcinogenic to humans (Category 2A). No other components in this

product are classified with respect to carcinogenicity.

15.2 Chemical Safety Assessment

- None available for the components in this product.

Note: The information that was used to confirm the compliance status of this product may deviate from the chemical information shown in Section 3.

Section 16 – Other Information

List of acronyms and abbreviations:

ACGIH: American Conference of Governmental Industrial Hygienists	IMO: International Maritime Organization
ADR: International Carriage of Dangerous Goods by Road	MARPOL: Maritime Pollution
ADNR: Regulation for the carriage of dangerous substances on the Rhine	mg/L: Milligrams per Liter
CAA: Clean Air Act	NIH: National Institutes of Health
CAS: Chemical Abstract Service Number	NTP: National Toxicology Program
CERCLA: Comprehensive Environmental Response and Liability Act	OSHA: Occupational Safety and Health Administration
CLP: Classification, Labelling and Packaging Regulation (EC) No 1272/2008	PBT: Persistent, Bioaccumulative and Toxic
CWA: Clean Water Act	PPE: Personal Protective Equipment
EC: European Commission	ppm: Parts Per Million
ECHA: European Chemicals Agency	REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals
EINECS: European Inventory of Existing Chemical Substances	RID: International rule for transport of dangerous
EPCRA: Emergency Planning and Community Right To Know Act	RTK: Right to Know
GHS: Global Harmonized System	RTECS: Registry of Toxic Effects of Chemical Substances
HEPA: High Efficiency Particulate Air	SARA: Superfund Amendment and Reauthorization Act
HSE: Health Safety Executive	SDS: Safety Data Sheet
HSDB: Hazardous Substances Data Bank	STEL: Short-term Exposure Limit
IBC: International Bulk Chemical	TOXNET: Toxicology Data Network
IARC: International Agency for Research on Cancer	TSCA: Toxic Substances Control Act
IATA: International Air Transport Association	TWA: Time Weighted Average (8-hour)
ICAO: International Civil Aviation Organization	UK: United Kingdom
IDLH: Immediately Dangerous to Life or Health	UN: United Nations
IMDG: International Maritime Dangerous Goods	vPvB: very Persistent, very Bioaccumulative

References:

- European Chemicals Agency (ECHA) Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
- Lubrizol. 2018. HYCAR® 26951 Safety Data Sheet. Version 4.0.

Disclaimer:

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. 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 that exist.

Revision Indicator: This is a new Safety Data Sheet.

Creation Date: January 30, 2020