



326 Exchange Drive
Arlington, Texas 76011
817-469-7777

Safety Data Sheet SPI-605

1. Identification

Product name SPI-605
Substance name: Silicone Fluid Blend
EC No.: -
REACH Registration No.: -
CAS No.: 60828-78-6
Relevant identified uses: Cosmetic Additive

Manufacturer/Importer/Supplier/Distributor information

Company name Silicones Plus, Inc.
Address 326 Exchange Drive
Arlington, Texas 76011
Phone 817-469-7777
Website <http://siliconesplus.com/>
E-mail kim@siliconesplus.com or carla@siliconesplus.com
Emergency phone number CHEMTREC within US & Canada 1-800-424-9300
CHEMTREC outside US & Canada +1 703-527-3887

2. Hazard(s) identification

Physical hazards Not applicable.
Health hazards Not applicable.
OSHA hazard(s) Not applicable.

Label elements

Hazard symbol No applicable.
Signal word Not available.
Hazard statement Not available.

Precautionary statement

Prevention Not applicable.
Response Not applicable.
Storage Not applicable.
Disposal Not applicable.

Hazard(s) not otherwise classified (HNOC) Not applicable.

3. Composition/information on ingredients

Mixtures Not applicable

Chemical name	CAS number	Reach No.	% Weight	Classification [67/548/EEC]	Classification [1272/2008/EC]
Nonionic Surfactant	60828-78-6	-	1-5%	Not classified	Not classified



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4. First-aid measures

- Inhalation When exposed to large amounts of steam and mist, move to fresh air. Take specific treatment if needed.
- Skin contact Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Laundering enough contaminated clothing before reuse.
- Eye contact Do not rub your eyes. Immediately flush eyes with plenty of water for at least 15 minutes and call a doctor/physician.
- Ingestion About whether I should induce vomiting Take the advice of a doctor. Rinse your mouth with water immediately.
- Most important symptoms/effects, acute and delayed
Not available.
- Indication of immediate medical attention and special treatment needed
Notify medical personnel of contaminated situations and have them take appropriate protective measures.
- General information
No general information.

5. Fire-fighting measures

- Suitable extinguishing media
Dry chemical, carbon dioxide, regular foam extinguishing agent, spray
- Unsuitable extinguishing media
Avoid use of water jet for extinguishing.
- Specific hazards arising from the chemical
Not available
- Special protective equipment and precautions for firefighters
Wear suitable protective equipment.
- Fire-fighting equipment/instructions
Keep unauthorized personnel out. Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank. Use appropriate extinguishing measure suitable for surrounding fire. Wear appropriate protective equipment. Keep containers cool with water spray. Use firefighting procedures suitable for surrounding area.

6. Accidental release measures

- For non-emergency personnel
Protective equipment: Wear proper protective equipment.
Emergency procedures: Not applicable
If required, notify relevant authorities according to all applicable regulations.
- For emergency responders
Wear proper personal protective apparatus as indicated in Section 8 and avoid skin contact and inhalation. Must work against the wind, let the upwind people to evacuate.
Remove all sources of ignition. Handling the damaged containers or spilled material after wearing protective equipment.
- Environmental precautions



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Prevent runoff and contact with waterways, drains or sewers. If large amounts have been spilled, inform the relevant authorities. Avoid dispersal of spilt material and runoff and contact with waterways, drains and sewers. If large spills, advise emergency services.

Methods and material for containment and cleaning up

For containment clear spills immediately. Clear area of personnel and move up wind. Prevent, by any means available, spillage from entering drains or water course. No smoking, naked lights or ignition sources. For cleaning up large spills, stay upwind and keep out of low areas. Dike for later disposal. Notification to central government, local government. When emissions at least of the standard amount. Dispose of waste in accordance with local regulation. Appropriate container for disposal of spilled material collected. For small liquid state spills, appropriate container for disposal of spilled material collected. For disposal of spilled material in appropriate containers collected and clear surface.

Other Information

Slippery when spilt.

Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for information on disposal.

7. Handling and storage

Precautions for safe handling

Since emptied containers retain product residue (vapor, liquid, solid) follow all MSDS and label warnings even after container is emptied. Dealing only with a well-ventilated place. Do not handle until all safety precautions have been read and understood. Operators should wear antistatic footwear and clothing. Do not inhale the steam prolonged or repeated.

Conditions for safe storage, including any incompatibilities

Check regularly for leaks. Do not use damaged containers. Do not apply direct heat. Save applicable laws and regulations. Avoid direct sunlight. Prevent static electricity and keep away from combustible materials or heat sources.

Specific end use(s)

See Section 1 for information on 1.2 Relevant identified uses.

8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

European Union (EU) Commission Directive 2006/15/EC (IOELVs)

Not Available

European Union (EU) Commission Directive 2006/15/EC (IOELVs) – Skin

Not Available

Greece Occupational Exposure Limits

Not Available

Netherlands Occupational Exposure Limits

Not Available

Denmark Indicative List of Organic Solvents



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Not Available
Denmark List of Limit Values for Dust
Not Available
Latvia Occupational Exposure Limit Values (OELV) for Chemical Substances in the Work Environment AtmbExcel Air & Hydraulics9
Not Available
Latvia Carcinogens and their Occupational Exposure Limit Values (OELV)
Not Available
Bulgaria Occupational Exposure Limits
Not Available
Bulgaria Limit values for the chemical agents in the air at the working environment
Not Available
Sweden Occupational Exposure Limit Values
Not Available
Sweden Occupational Exposure Limit Values and Measures against Air Contaminants
Not Available
Spain Changes Proposed for Occupational Limit Values
Not Available
Spain Occupational Exposure Limit for Chemical Agents
Not Available
Slovak Republic Highest Admissible Exposure Limits
Not Available
Slovak Republic Highest Admissible Exposure Limits - Solid aerosols predominately with fibrogenic effect
Not Available
Slovak Republic Highest Admissible Exposure Limits - Solid aerosols with possible fibrogenic effect
Not Available
Slovak Republic Highest Admissible Exposure Limits - Solid aerosols predominately with nonspecific effect
Not Available
Ireland Occupational Exposure Limits
Not Available
UK Workplace Exposure Limits (WELs)
Not Available
Austria Technical Exposure Limits (TRK Values)
Not Available
Austria Occupational Exposure Limits - Maximum Workplace Concentrations (MAK)
Not Available
Italy Occupational Exposure Limits
Not Available
Czech Republic Occupational Exposure Limits (PEL and NPK-P)
Not Available
Czech Republic Occupational Exposure Limits - Dusts predominately with fibrogenic effect
Not Available
Czech Republic Occupational Exposure Limits - Dusts with possible fibrogenic effect



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Not Available

Czech Republic Occupational Exposure Limits - Dusts predominately with nonspecific effect
Not Available

Czech Republic Occupational Exposure Limits - Dusts predominately with irritating effect
Not Available

Czech Republic Occupational Exposure Limits - Mineral fibrous dusts
Not Available

Poland Workplace Maximum Allowable Concentration – Dust
Not Available

Poland Workplace Maximum Allowable Concentration
Not Available

France Threshold Limit Values for Occupational Exposure - VLE/VME
Not Available

Finland Occupational Exposure Levels - Concentrations Known to be Harmful
Not Available

Hungary Occupational Exposure Limits
Not Available

Recommended Monitoring Procedures

Personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment.

DNEL/PNEC – Values

Not available

Exposure Controls

Appropriate engineering controls include a system of local and/or general exhaust is recommended to keep employee exposures above the Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. The use of local exhaust ventilation is recommended to control emissions near the source.

Individual protection measures, such as personal protective equipment

Hand protection includes wear appropriate gloves.

Eye protection

Wear primary eye protection such as splash resistant safety goggles with a secondary protection face shield. Provide an emergency eye wash station and quick drench shower in the immediate work area.

Respiratory Protection

Under conditions of frequent use or heavy exposure, Respiratory protection may be needed. Respiratory protection is ranked in order from minimum to maximum. Consider warning properties before use. Dust, mist, fume-purifying respiratory protection. Any air-purifying respirator with a corpuscle filter of high efficiency. Any respiratory protection with a fan (for dust, mist, fume-purifying). Self-contained breathing apparatus with a corpuscle filter of high efficiency. For Unknown Concentration or Immediately Dangerous to Life or Health : Any supplied-air respirator with full face piece and operated in pressure-demand or other positive-pressure mode in combination with a separate escape supply. Any self-contained breathing apparatus with a full face piece.

Skin Protection



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Wear appropriate clothing

Others

It is necessary to wear protective clothes and other protection equipment. Cover your face, head and neck. Prior to removing protective garments the employee should undergo decontamination and be required to shower upon removal of the garments and hood. Emergency deluge showers and eyewash fountains, supplied with potable water, should be located near, within sight of, and on the same level with locations where direct exposure is likely.

Thermal Hazards

Not available

Environmental exposure controls

Do not let product enter drains. For ecological information refer to section 12.

9. Physical and chemical properties

Appearance	Liquid
Color	Milky White
Odor	Mild
Odor threshold	Not available.
pH	7.4
Melting point/freezing point	Not available.
Initial boiling point	100°C
Flash point	> 93.33°C
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Relative density	0.925 (Water=1)
Solubility in water	Soluble
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Viscosity	6 mm ² /s
Explosive Properties	Not available.
Oxidizing Properties	Not available.

10. Stability and reactivity

Reactivity	Not available.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	Hazardous Polymerization will not occur.
Conditions to avoid	Avoid contact with incompatible materials and condition. Avoid accumulation of electrostatic charges, Heating, Flames and hot surfaces.



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Incompatible materials Not available.
Hazardous decomposition products May emit flammable vapor if involved in fire

11. Toxicological information

Information on likely routes of exposure

Ingestion	Not available.
Inhalation	Not available.
Skin contact	Not available.
Eye contact	Not available.

Acute toxicity

Oral	[Siloxanes and Silicones, di-Me] : LD50 > 17000 mg/kg Rat
Dermal	[Siloxanes and Silicones, di-Me] : LD50 > 2000 mg/kg Rabbit
Inhalation	Not available.
Skin corrosion/irritation	Not available.
Serious eye damage/irritation	Not available.
Respiratory sensitization	Not available.
Skin sensitization	Not available.
Germ cell mutagenicity	Not available.
Carcinogenicity	IARC: Not available OSHA: Not available ACGIH: Not available NTP: Not available EU CLP: Not available
Reproductive toxicity	Not available.
Specific target organ toxicity(single exposure)	Not available.
Specific target organ toxicity(repeated exposure)	Not available.
Aspiration hazard	Not available.

12. Ecological information

Toxicity

Fish	[Siloxanes and Silicones, di-Me] : LC50 = 37.79 mg/l 96 hr Lepomis macrochirus
Invertebrate	[Siloxanes and Silicones, di-Me] : LC50 = 44.5 mg/l 48 hr Daphnia magna
Algae	Not available.
Persistence	Not available.
Degradability	Not available.
Bioaccumulative	Not available.
Biodegradability	Not available.
Mobility in soil	Not available.
Other adverse effects	Not available.



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13. Disposal considerations

Disposal instructions

Since more than two kinds of designated waste is mixed, it is difficult to treat separately, then can be reduction or stabilization by incineration or similar process. If water separation is possible, pre-process with water separation process. Dispose by incineration. The user of this product must disposal by oneself or entrust to waste disposer or person who other's waste recycle and dispose, person who establishes and operates waste disposal facilities. Dispose of waste in accordance with all applicable laws and regulations.

14. Transport information

UN No. (ADR/RID/ADN)	Not available.
UN No. (IMDG)	Not available.
UN No. (ICAO)	Not available.
UN Proper Shipping Name	Not available.
Transport hazard class(es)	
ADR/RID/ADN Class	Not available.
ADR Label No.	Not available.
IMDG Class	Not available.
ICAO Class/Division	Not available.
Transport Labels	Not available.
Packaging group	
ADR/RID/ADN Packing group	Not available.
IMDG Packaging Group	Not available.
ICAO Packing group	Not available.
Environmental Hazards	Not applicable.
Special precautions for user:	Local transport follows in accordance with Dangerous goods Safety Management Law. Package and transport follow in accordance with Department of Transportation (DOT) and other regulatory agency requirements. EmS FIRE SCHEDULE : Not available EmS SPILLAGE SCHEDULE : Not available
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not available

15. Regulatory information

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

Europe regulatory

REACH Restricted Substance Under REACH	Not applicable
REACH Substances subject to authorization under REACH	Not applicable
REACH SVHC	Not applicable
Europe PBT	



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	Not applicable
European Union (EU) Transport of Dangerous Goods by Road - Dangerous Goods List	Not applicable
Chemical Safety Assessment	Not conducted

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

Issue date	05-29-2008
Revision date	3-29-2017
Version #	03
Further information	Not available.
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