

**PSA910 55G-Drum (300.0LBS-136.20KG)
Pressure Sensitive Adhesive****1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Manufactured By: Waterford Plant
260 Hudson River Rd
Waterford NY 12188

Revised: 08/15/2007
Preparer: PRODUCT STEWARDSHIP COMPLIANCE AND STANDARDS
CHEMTREC 1-800-424-9300

Chemical Family/Use:
Formula: Silicone resin in toluene

HMIS

Flammability: 3 Reactivity: 0 Health: 2

NFPA

Flammability: 3 Reactivity: 0 Health: 2

2. HAZARDS IDENTIFICATION**EMERGENCY OVERVIEW**

WARNING! Irritating to eyes, respiratory system and skin. Harmful by inhalation, in contact with skin and if swallowed. May cause adverse liver, kidney, and CNS effects. Flammable liquid and vapor. May cause adverse reproductive effects. May cause adverse cardiac effects.

Form: Liquid

Color: Clear

Odor: aromatic

POTENTIAL HEALTH EFFECTS**INGESTION**

Harmful if swallowed. May cause kidney damage. May cause pneumonitis as a result of aspiration. May cause gastrointestinal irritation, nausea, vomiting, and diarrhea. May cause metallic taste in mouth. May also cause effects as listed under "Inhalation".

SKIN

Harmful if absorbed through the skin. May cause skin defatting with prolonged exposure. Skin contact may cause irritation. Repeated or prolonged exposure may cause dermatitis (inflammation and rash).

INHALATION

Harmful if inhaled. Acute inhalation of toluene vapors may cause respiratory tract irritation and adverse central nervous system effects including dizziness, nausea, weakness, headache, confusion, drowsiness, and impaired reactions. Repeated or prolonged exposure may cause irritation, vomiting, nosebleeds, chest pains, vertigo, loss of appetite, loss of memory, loss of coordination, ringing in the ears, alcohol intolerance, and abnormal bleeding. Bone marrow hyperplasia and leukopenia have been reported, but may be due to benzene contamination. Additional effects include adverse blood system effects, cardiac sensitization and cardiac arrest due to ventricular fibrillation, irreversible nerve damage, kidney damage, chromosomal changes, and menstrual disorders. Adverse reproductive effects have also been reported in animals.

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May cause eye burns. Irritation with redness, swelling, pain, and tearing.

MEDICAL CONDITIONS AGGRAVATED

Respiratory disorder Central nervous system disorders. Cardiovascular disorders. Pre-existing liver or kidney disorders. Skin disorders.

SUBCHRONIC (TARGET ORGAN)

Respiratory disorder; Dermatitis; Reproductive hazard.; Central nervous system damage.; Liver and kidney damage.; Bone marrow and hematopoietic (blood forming) system; Cardiovascular effects.

CHRONIC EFFECTS / CARCINOGENICITY

This product or one of its ingredients present at 0.1% or more is NOT listed as a carcinogen or suspected carcinogen by NTP, IARC, or OSHA.

ROUTES OF EXPOSURE

Inhalation; Dermal; Eyes; Oral.

3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>PRODUCT COMPOSITION</u>	<u>CAS REG NO.</u>	<u>WGT. %</u>
<u>A. HAZARDOUS</u>		
TOLUENE	108-88-3	30 - 60 %
<u>B. NON-HAZARDOUS</u>		
Silicone Resin	233265-50-4	60 - 90 %

4. FIRST AID MEASURES**INGESTION**

Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.

SKIN

Wash off with soap and water. Remove and wash contaminated clothing before re-use. Get medical attention if irritation persists.

INHALATION

If inhaled, remove to fresh air. If not breathing give artificial respiration using a barrier device. If

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breathing is difficult give oxygen. Get medical attention.

EYES

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

NOTE TO PHYSICIAN

More severe effects if alcohol is consumed. Stimulants such as epinephrine may induce ventricular fibrillation. Aspiration may cause severe lung damage. Evacuate stomach in a way which avoids aspiration. Contains toluene. The metabolism of other solvents may be inhibited resulting in a potentiation of toxic effects of those chemicals. Uptake is directly proportional to the amount of body fat. Blood levels may be cumulative when exposure is extended.

5. FIRE-FIGHTING MEASURES

FLASH POINT:	12.00 °C; 54 °F
IGNITION TEMPERATURE:	464.00 °C; 867 °F
FLAMMABLE LIMITS IN AIR - LOWER (%):	1.00 %(V)
FLAMMABLE LIMITS IN AIR - UPPER (%):	7.00 %(V)

SENSITIVITY TO MECHANICAL IMPACT: No

SENSITIVITY TO STATIC DISCHARGE

Sensitivity to static discharge is expected; material has a flash point below 200 F.

EXTINGUISHING MEDIA

All standard extinguishing agents are suitable.

SPECIAL FIRE FIGHTING PROCEDURES

Flammable, Wear respiratory protection.

6. ACCIDENTAL RELEASE MEASURES**ACTION TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED**

Remove all sources of ignition. Wear proper protective equipment as specified in the protective equipment section. Warn other workers of spill. Increase area ventilation. Person not trained should evacuate area. Wipe, scrape, or soak up in an inert material and put in a container intended for flammable materials for disposal.

7. HANDLING AND STORAGE**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE**

Use only in well-ventilated areas. Avoid contact with skin and eyes. Keep away from children. Keep

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container tightly closed. Use ground strap and appropriate precautions for dispensing flammable liquids. Recommended storage in original container below 30°C (85°F). Avoid accidental ingestion of this material. Wash hands and face before eating, drinking, smoking, using toilet facilities, or applying cosmetics. Avoid inhalation of vapour or mist.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**RESPIRATORY PROTECTION**

If exposure limits may be exceeded or respiratory irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. A NIOSH/MSHA approved respirator with an organic vapor cartridge is generally acceptable. Supplied airrespirators may be required for high vapor concentrations. Respiratory protection must be provided in accordance with OSHA regulations (see 29 CFR 1910.134).

PROTECTIVE GLOVES

Rubber or plastics gloves

EYE AND FACE PROTECTION

Safety glasses with side-shields; Monogoggles.

OTHER PROTECTIVE EQUIPMENT

Rubber apron

Exposure Guidelines

<u>Component</u>	<u>CAS RN</u>	<u>Source</u>	<u>Value</u>
TOLUENE	108-88-3	ACGIH, TWA	20 ppm
TOLUENE	108-88-3	OSHA Z2, TWA	200 ppm
TOLUENE	108-88-3	OSHA Z2, Ceiling	300 ppm
TOLUENE	108-88-3	OSHA Z2, MAX. CONC	500 ppm
TOLUENE	108-88-3	ACGIH,	Listed.
TOLUENE	108-88-3	OSHA Z2,	Listed.

Absence of values indicates none found

PEL - OSHA Permissible Exposure Limit; TLV - ACGIH Threshold Limit Value; TWA - Time Weighted Average

OSHA revoked the Final Rule Limits of January 19, 1989 in response to the 11th Circuit Court of Appeals decision (AFL-CIO v. OSHA) effective June 30, 1993. See 29 CFR 1910.1000 (58 FR 35338).

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT - C & F:	137.80 °C; 280 °F
VAPOR PRESSURE (20 C) (MM HG):	4.51
FREEZING POINT:	Not applicable

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MELTING POINT:	Not applicable
PHYSICAL STATE:	Liquid
ODOR:	aromatic
COLOR:	Clear
SPECIFIC GRAVITY (WATER=1):	0.96
DENSITY:	ca. 0.964 g/cm ³
ACID / ALKALINITY (MEQ/G):	Unknown
pH:	Not applicable
VOLATILE ORGANIC CONTENT (VOL):	45.00 %(m)
SOLUBILITY IN WATER (20 C):	Negligible
SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT):	Soluble in Toluene, Xylene
VOC EXCL. H₂O & EXEMPTS (G/L):	470

10. STABILITY AND REACTIVITY**STABILITY**

Stable

HAZARDOUS POLYMERIZATION

Will not occur

HAZARDOUS THERMAL DECOMPOSITION / COMBUSTION PRODUCTSCarbon dioxide (CO₂); Formaldehyde; Carbon monoxide; Aldehydes; Silicon dioxide.; Toxic fumes.**INCOMPATIBILITY (MATERIALS TO AVOID)**

Contact with oxidizing agents.

CONDITIONS TO AVOID

Keep away from heat and sources of ignition. Avoid any source of ignition due to flammability.

11. TOXICOLOGICAL INFORMATION**ACUTE ORAL**

Species: Rat.; 5,000 mg/kg;

ACUTE DERMAL

Species: Rabbit.; 14,000 mg/kg;

ACUTE INHALATION

Remarks: 5320 PPM /8HR(MUS)

OTHER

Tested for acute oral, dermal and inhalation.

MUTAGENICITY

Unknown

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OTHER EFFECTS OF OVEREXPOSURE

This product contains methylpolysiloxanes which can generate formaldehyde at approximately 300 degrees Fahrenheit (150°C) and above, in atmospheres which contain oxygen. Formaldehyde is a skin and respiratory sensitizer, eye and throat irritant, acute toxicant, and potential cancer hazard. A MSDS for formaldehyde is available from Momentive., Health hazards listed in this MSDS apply to the component toluene., More severe effects if alcohol is consumed., The metabolism of other solvents may be inhibited resulting in a potentiation of toxic effects of those chemicals. Uptake is directly proportional to the amount of body fat. Blood levels may be cumulative when exposure is extended.

12. ECOLOGICAL INFORMATION**Additional ecological information**

No data available

CHEMICAL FATE

No data available

13. DISPOSAL CONSIDERATIONS**DISPOSAL METHOD**

Disposal should be made in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

DOT SHIPPING NAME: Resin solution
DOT HAZARD CLASS: 3
DOT LABEL (S): 3
UN/NA NUMBER: UN1866
PACKING GROUP: II

IMDG SHIPPING NAME: Resin solution
CLASS: 3
IMDG-LABELS: 3
UN NUMBER: UN1866
PACKING GROUP: II
EMS No: F-E; S-E

IATA: Resin solution

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CLASS: 3
ICAO-LABELS: 3
UN NUMBER: UN1866
PACKING GROUP: II

Further Information: highly flammable keep away from odour sensitive materials Keep away from foodstuffs and animal feed.

15. REGULATORY INFORMATION**Inventories**

EU list of existing chemical substances	y (Positive listing)
Canada DSL Inventory	q (quantity restricted)
Korea Existing Chemicals Inventory (KECI)	q (quantity restricted)
Canada NDSL Inventory	n (Negative listing)
Japan Inventory of Existing & New Chemical Substances (ENCS)	n (Negative listing)
China Inventory of Existing Chemical Substances	y (Positive listing)
Australia Inventory of Chemical Substances (AICS)	n (Negative listing)
Philippines Inventory of Chemicals and Chemical Substances (PICCS)	n (Negative listing)
TSCA list	y (Positive listing)

For inventories that are marked as quantity restricted or special cases, please contact Momentive.

US Regulatory Information**CERCLA**

Reportable quantity: 2,500 lbs

PRODUCT COMPOSITION**Chemical****CERCLA Reportable Quantity****SARA (313) CHEMICALS****Canadian Regulatory Information****WHMIS HAZARD CLASS**

Flammable Liquid, D2B TOXIC MATERIALS

Other

SCHDLE B/HTSUS: 3910.00 Silicones in Primary Form

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ECCN:

EAR99

CALIFORNIA PROPOSITION 65

Warning! This product contains a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

16. OTHER INFORMATION**OTHER**

C = ceiling limit NEGL = negligible EST = estimated NF = none found NA = not applicable
UNKN = unknown NE = none established REC = recommended ND = none determined V =
recommended by vendor SKN = skin TS = trade secret R = recommended MST =
mist NT = not tested STEL = short term exposure limit ppm = parts per million ppb = parts per
billion By-product= reaction by-product, TSCA inventory status not required under 40 CFR part
720.30(h-2)., These data are offered in good faith as typical values and not as product specifications.
No warranty, either expressed or implied, is 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.