MATERIAL SAFETY DATA SHEET

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product:	SRA-3, SRA-3A	**Trade Name:**	Supra Glue
Manufacturer:	AGS Company	**Common Name:**	Isocyanate Prepolymer
Street Address:	2651 Hoyt St		
City/ State/ Zip	Muskegon Hts., MI 49444		
Phone:	800-253-0403		
Phone:	231-733-2101		
FAX:	231-733-1784	**Original Issue Date:**	2/1/2007
Transportation Emergency:	CHEM-TEL	**Revision No** 3	**Date** 12/10/2012
Phone:	800-255-3924		

SECTION 2 - COMPOSITION/ INFORMATION ON INGREDIENTS

ITEM		CAS NUMBER	WT/WT %
1	Modified MDI	Not Disclosed	<15%
2	4,4' Diphenylmethane	101-68-8	55%

EXPOSURE LIMITS

ITEM	TLV		STEL		PEL	
1	N/A	ppm	N/A	ppm	N/A	ppm
2	0.005	ppm	N/A	ppm	0.02	ppm

SECTION 3 - HAZARDS IDENTIFICATION

EYE CONTACT: Liquid and vapors may be irritating and can cause pain, tearing, reddening and swelling.

SKIN CONTACT: Prolonged or repeated contact may result in irritation and/or dermatitis.

INHALATION: Inhalation of MDI vapors may cause irritation of the mucus membranes of the nose, throat, tracea, breath chest discomfort, and difficulty breathing and reduced pulmonary function. Airborne exposure well above may result additionally in eye irritation, headache, bronchitis, & asthma like findings or pulmonary edema Isocyanates have also been reported to cause pnemonitis, characterized by flu-like symptoms.

INGESTION: Not expected to be a route of exposure. It may cause gastrointestinal irritation, nausea, and vomiting.

CHRONIC HAZARDS: Results from a study in rats indicate that MDI aerosol was carcinogenic at 6mg/m3. Irritation was noted a concentrations. No birth defects or teratogenic effects reported with rats exposed to 1, 4, & 12mg/m3 poly MDI for 6hr/day on days 6-15 of gestation. A result of repeated overexposure or a single large dose will c certain individuals to develop isocyanate sensitization. Symptomes include chest tightness, wheezing, co shortness of breath, or asthma attacks. Lung damage can also occur with chronic overexposure.

Primary Route(s) of Entry Inhalation, skin and eye contact or ingestion.

SECTION 4 - FIRST AID MEASURES

EYE CONTACT: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

SKIN CONTACT: Immediately flush with plenty of water. Remove clothing. Get medical attention immediately. Wash clothing separately before reuse.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

INGESTION: Get medical attention immediately. If swallowed, DO NOT induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

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SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT:	>200°F	>93°C	LOWER EXPLOSIVE LIMIT:	NA	%
			UPPER EXPLOSIVE LIMIT:	NA	%

AUTOGNITION TEMPERATURE: NA

EXTINGUISHING MEDIA: Water fog, dry chemical, CO^2, foam, and alcohol foam

UNUSUAL FIRE AND EXPLOSION HAZARDS: Move containers from area if it can be done without risk. Cool fire-exposed containers with water from the side. Wear NIOSH/MSHA approved; pressure demand self-contained breathing apparatus. Avoid water contamination in closed containers or confined areas as carbon dioxide is evolved.

SPECIAL FIREFIGHTING PROCEDURES: Wear NIOSH/MSHA approved self-contained breathing apparatus and protective gear. Water spray may be utilized to cool containers.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

RECOVERY PROCEDURES: Absorb spill with inert material then place in a chemical waste container.

SECTION 7 - HANDLING AND STORAGE

HANDLING: Wash thoroughly after handling

STORAGE: Keep away from heat, sparks, and flame.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Use in well ventilated area. Local exhaust sould be utilized to remove fumes.

RESPIRATORY PROTECTION: For most conditions, no respiratory protection should be needed, however, if high vapor concentration should develop, use a NIOSH approved organic vapor respirator.

SKIN PROTECTION: Where contact is likely, wear chemical resistant gloves.

EYE PROTECTION: Wear safety glasses with side shields or goggles.

OTHER PROTECTIVE EQUIPMENT: Eye wash in work area.

HYGIENIC PRACTICES: Wash hands before eating. Remove contaminated clothing and wash before reuse. Use only in a well ventilated area. Follow all MSDS/label precautions even after container is emptied because they may retain product residues. Avoid prolonged or repeated contact with eyes, skin, and clothing.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

BOILING RANGE	NA	VAPOR DENSITY:	NA
ODOR	Musty	ODOR THRESHOLD	NA
APPEARANCE	Amber Liquid	EVAPORATION RATE	NA
SOLUBILITY IN H_2O	Reacts with water		
FREEZE POINT	NA	SPECIFIC GRAVITY	1.13
VAPOR PRESSURE	at 20 deg. C is 4 x 10-6	pH @ 0.0%	NA
PHYSICAL STATE	NA		

COEFFICIENT OF WATER / OIL DISTRIBUTION: NA

(See Section 16 for abbreviation legend)

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SECTION 10 - STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Sources of ignition.

INCOMPATIBILITY: Strong acid or alkali, oxidizers and amines.

HAZARDOUS DECOMPOSITION PRODUCTS At high temperatures, isocyanate vapors may form. Under thermal degradation, monoxide & low molecular weight organic compounds may form as well as cyan MDI vapors.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions

STABILITY: This product is stable under normal storage conditions.

SECTION 11 - TOXICOLOGICAL PROPERTIES

PRODUCT LD-50 >5000 mg/kg PRODUCT LC-50 >5500 ppm

COMPONENT TOXICOLOGICAL INFORMATION:

CHEMICAL NAME	LD50	LC50
Stoddard Solvent	>5000 mg/kg/rat	>5500 mg/m^3/4h/rat
Propane / Isobutane / N-Butane	N.E.	658000 mg/m^3/4h/rat
Polybutene Polymer	>34600 mg/kg/rat	>850 mg/m3/rat

SECTION 12 - ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: No information

SECTION 13 - DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with federal, state and local regulations.

SECTION 14 - TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME Not regulated

DOT TECHNICAL NAME

DOT HAZARD CLASS HAZARD SUBCLASS:

UN / NA NUMBER: PACKING GROUP: NA RESP. GUIDE PAGE

SECTION 15 - REGULATORY INFORMATION

U.S FEDERAL REGULATIONS: AS FOLLOWS -

OSHA: Hazardous by definition of Hazard Communication Standard (29 cfr 1910.1200)

CERCLA - SARA HAZARD CATEGORY:
This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

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SARA SECTION 313
This product contains the following substance subject to the reporting requirements of Section 313 of Title of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

CHEMICAL NAME	CAS NUMBER	WT /WT % IS LESS THAN
4,4' Diphenylmethane	101-68-8	55%
Modified MDI	Not Disclosed	15%

TOXIC SUBSTANCE CONTROL ACT:
This product contains the following chemical substances subject to the reporting requirements of TSCA 12 (B) if exported from the United States:

CHEMICAL NAME	CAS NUMBER

U.S. STATE REGULATIONS: AS FOLLOWS -

NEW JERSEY RIGHT-TO-KNOW:
The following materials are non-hazardous, but are among the top five components in this product:

CHEMICAL NAME	CAS NUMBER

PENNSYLVANIA RIGHT-TO-Know
The following non-hazardous ingredients are present in the product at greater than 3%:

CHEMICAL NAME	CAS NUMBER

CALIFORNIA PROPOSITION 65:
WARNING: The chemical(s) noted below and contained in this product, are know to the state of California to causes cancer, birth defects or other reproductive harm.

CHEMICAL NAME	CAS NUMBER

No Propsition 65 chemicals exist in this product.

INTERNATIONAL REGULATIONS: AS FOLLOWS -

CANADIAN WHMIS: This MSDS has been prepared in compliance with Controlled Product Regulations except for use of the 16 headings.

CANADIAN WHMIS CLASS: No information available.

SECTION 16 - OTHER INFORMATION

HMIS RATINGS:	Health	3	Flammability	1	Phys. Haz.	1	PPE	H
NFPA	Health	3	Flammability	1	Reactivity	1	PPE	H

VOLATILE ORGANIC COMPOUNDS (VOCs): 1 grams / liter

LEGEND:	NA	Not Applicable	NE	Not Established
	ND	Not Determined		

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