

# Phase III, Inc.

MATERIAL SAFETY DATA SHEET

## Super Solve GR Paint & Adhesive Remover

### SECTION 1: Product and company identification

**PRODUCT NAME:** Super Solve GR Paint & Adhesive Remover

**DISTRIBUTOR:** Phase III, Inc  
315 E Warner Rd. Suite 3  
Chandler Arizona 85225 USA

**INFORMATION/EMERGENCIES:** 480-503-2847 (M-F 7:00 am – 4:00 pm, CMT)

**PREPARATION DATE:** 14JUN2002

**REVISION DATE:** 17 SEPT 2009

### SECTION 2: INGREDIENTS

**MIXTURE:** Proprietary blend

<b>INGREDIENTS</b>	Ingredient	CAS No	Percent
Hazardous			
Yes	1-Methyl-2-pyrrolidinone	872-50-4.	20-50%.

### SECTION 3: HAZARD IDENTIFICATION

**OVERVIEW:** Warning! Causes irritation to skin, eyes and respiratory tract. Harmful if swallowed or inhaled. Combustible liquid and vapor.

**ROUTES OF CONTACT:** Skin, eyes, mouth, lungs.

**PHYSICAL HAZARDS:** None

**HEALTH HAZARDS:**

**EYES:** Causes irritation, redness, and pain. May possibly cause corneal clouding.

**INGESTION:** Causes irritation to the gastrointestinal tract. Symptoms may include nausea, vomiting and diarrhea.

**SKIN:** Mild irritant. May cause some discomfort if in contact with the skin for several hours.

**INHALATION OF MISTS/VAPORS:** Mild irritant if vapor or mist from heated solvent is inhaled. Coughing, possible breathing difficulties may be observed.

**CARCINOGENICITY LISTINGS:** NTP: None IARC: None OSHA: None

**ACGIH:** None

**SYMPTOMS OF OVER-EXPOSURE:** Minor skin irritation on repeated contact.

**CONDITIONS AGGRAVATED BY EXPOSURE:** No information found.

### SECTION 4: FIRST AID

**EYES:** Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

**INGESTION:** Induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention.

**SKIN:** Immediately flush skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.

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

## **SECTION 5: FIRE AND EXPLOSION HAZARD**

**Flash Point and Method:** >200°F (est'd).

**Auto Ignition:** Data not available.

**Explosion Limits:** Data not available.

**Flammability Classification as Defined by OSHA:** Combustible (estimated).

**Combustion Products:** As with any organic material combustion will produce carbon dioxide and/or carbon monoxide.

**Extinguishing Media:** Water fog, carbon dioxide, dry chemical, foam.

**Unusual Fire and Explosion Hazard:** May produce dense black smoke. Stay upwind of a fire. Avoid using streams of water that may then spread burning liquid.

**Special Fire-Fighting Precautions:** In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

**Fire-Fighting Equipment:** Use self-contained breathing apparatus (SCBA) in any enclosed space.

## **Section 6 ACCIDENTAL RELEASE MEASURES**

### **Procedures for Cleanup:**

**For Small Spills:** Wipe up and dispose in a suitable waste container.

**For Large Spills:** Remove sources of ignition. Dike spill with suitable materials such as soil, sand, or absorbent mats and recover reusable product. Soak up remainder and place solid waste in an appropriate waste container. The last product traces can be rinsed with water.

**Personal Precautions:** Use personal protective equipment.

**Environmental Precautions:** Do not allow large amounts to enter public waterways or treatment facilities.

## **Section 7 HANDLING AND STORAGE**

**Safe Handling and Hygienic Practices:** Use solvent resistant gloves, goggles where splashing may occur.

**Storage Requirement:** Keep in closed container above freezing and less than 120°F.

## **Section 8 EXPOSURE CONTROLS**

### **Personal Protection:**

**Ventilation:** A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne 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.

**Respiratory:** Use a NIOSH-approved mask if mist is generated for extended periods of time.

**Eye Protection:** Where a splash hazard exists, splash-proof eyewear recommended.

**Gloves:** Use chemical resistant gloves for extended periods of immersed contact.

**Ingestion:** Do not ingest.

**Exposure Limit Guidelines:** No established exposure guidelines.

## **Section 9 PHYSICAL & CHEMICAL PROPERTIES**

**Appearance and Odor:** Amber, oily odor.

**Physical State:** liquid.

**Specific Gravity:**

**Solubility in Water:** ca 30% miscible.

**pH of Concentrate:** n/a.

**Vapor Pressure:** Data not available.

**Boiling Point:** >350°F

**Viscosity:** Data not available.

**Vapor Density:** (Air=1), >1.

**Percent Volatile by Volume:**

**Evaporation Rate:** Data not available.

**Section 10 STABILITY & REACTIVITY**

**Stability:** Stable.

**Conditions to Avoid:** High temperatures.

**Incompatibility:** Avoid materials that react strongly with water and avoid strong oxidizing agents.

**Hazardous Decomposition:** None

**Hazardous Polymerizations:** Does not occur.

**Section 11 TOXICITY INFORMATION**

1-Methyl-2-pyrrolidinone: (20-50% of GR-II).

Oral rat LD50: 3914 mg/kg;

Skin rabbit LD50: 8 gm/kg;

Investigated as a mutagen, reproductive effector.

Cancer Lists

Ingredient Category	---NTP Carcinogen---		IARC
	Known	Anticipated	
----- 1-Methyl-2-pyrrolidinone (872-50-4)	No	No	None

The current information for this MSDS developed from component data and from manufacturing experience.

**Section 12 DISPOSAL CONSIDERATIONS**

**RCRA Classification:** RCRA waste hazard class not established.

**Volatile Organic Compound (VOC Content):** ca 460g/L

**Special Instructions:** Always, consult local, State and Federal authorities for treatment, storage, transport and disposal compliance.

**Environmental Fate:**

When released into the soil, this material may biodegrade to a moderate extent. When released into the soil, this material may evaporate to a moderate extent. When released into water, this material is not expected to evaporate significantly. This material is not expected to significantly bioaccumulate. When released into the air, this material is expected to be readily degraded by reaction with photochemically produced hydroxyl radicals. When released into the air, this material may be removed from the atmosphere to a moderate extent by wet deposition.

**Environmental Toxicity:**

The LC50/96-hour values for fish are over 100 mg/l. (based upon the NMP component—blend expected to have a lesser environmental impact).

**Section 13 TRANSPORTATION INFORMATION**

Not regulated

**Section 14 REGULATORY INFORMATION**

**OSHA Compliance:** This MSDS prepared according to 29 CFR 1910.1200 and ANSI Z400.1 standard.

**TSCA:** Although the components of this product find listing under the Toxic Substances Control Act (TSCA), this blended product requires no import or export declarations.

**SARA Title III Superfund:** The product in its purchased form is not regulated under the SARA hazard categories according to the EPA "Hazard Categories" under sections 311 and 312 of the Superfund Amendment.

**CERCLA, State and Local Planning (Reportable Quantities):** Not required.

**State Right-To-Know Compliance:** See below.

Chemical Inventory Status - Part 1			
Ingredient	TSCA	EC	Japan
Australia			
-----			
1-Methyl-2-pyrrolidinone (872-50-4)	Yes	Yes	Yes
Yes			
Chemical Inventory Status - Part 2			
Ingredient	Korea	--Canada-- DSL	NDSL
Phil.			
-----			
1-Methyl-2-pyrrolidinone (872-50-4)	Yes	Yes	No
Yes			
Federal, State & International Regulations - Part 1			
Ingredient	-SARA 302- RQ	-SARA 313- TPQ	List
Chemical Catg.			
-----			
1-Methyl-2-pyrrolidinone (872-50-4)	No	No	Yes
No			
Federal, State & International Regulations - Part 2			
TSCA-		-RCRA-	-
Ingredient	CERCLA	261.33	8 (d)
-----			
1-Methyl-2-pyrrolidinone (872-50-4)	No	No	No

Chemical Weapons Convention: No TSCA 12(b): Yes CDTA: No  
 SARA 311/312: Acute: Yes Chronic: No Fire: No Pressure: No  
 Reactivity: No (Pure / Liquid)

**WARNING:**  
 THIS PRODUCT CONTAINS A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

**Australian Hazchem Code:** None allocated.

**Poison Schedule:** None allocated.

**WHMIS:**

This MSDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

## **Section 15 OTHER INFORMATION**

**Hazard Rating:** Based on the NFPA 704 Standard. **Health = 2 , Flammability = 1 , Reactivity = 0 .**

**Label Hazard Warning:**

WARNING! CAUSES IRRITATION TO SKIN, EYES AND RESPIRATORY TRACT. HARMFUL IF SWALLOWED OR INHALED. COMBUSTIBLE LIQUID AND VAPOR.

**Label Precautions:**

Avoid contact with eyes, skin and clothing.

Avoid breathing vapor or mist.

Keep container closed.

Use only with adequate ventilation.

Keep away from heat and flame.

Wash thoroughly after handling.

**Label First Aid:**

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Wash clothing before reuse. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. If swallowed, induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. In all cases, get medical attention.

Rating Scale. None = 0, Slight = 1, Moderate = 2, Severe, damage = 3, Extreme = 4

This information provided is based upon information from recognized vendors and data regarding blend is accurate to the extent of our capabilities to ascertain. It is current. While the information is believed to be accurate, Phase III, Inc. makes no representation as to its accuracy, nor its completeness. We advise the user to make his our evaluation and determinations as to whether circumstances of usage, application of product, and disposal are safe and meet governing agency requirements. Information relates only to the product designated herein, and does not relate to any combination with any other material(s), or in any method or process.