

Revision Date	10. 22. 2016.	<b>Material Safety Data Sheet</b>	Page No.	1/5
---------------	------------------	-----------------------------------	----------	-----

### 1. Chemical Product and Company Identification

**Product Name:** CHEMOPOL GIR-75,65,50 (Series)  
(Colored Coating Polymer)

**Manufacturer:**

**Emergency Phone Number:**

### 2. Composition / Information on Ingredients

Ingredient	CAS NO	% wt
Polymethylhydrosiloxane	9004-73-3	1% < ~< 15%
Resin	N/A	1% < ~< 10%
n-Buthyl Actate	123-86-4	5% < ~< 30%
Ethyl Alcohol	64-17-5	10% < ~< 30%
Color	128221-48-7	1% < ~< 20%
(Metal Oxide Pigment)	1314-35-8	1% < ~< 20%
Other Ingredient	N/A	10% < ~< 98%

Label elements :

**Symbol:**



Flame    Exclamation mark    Health hazard

**Signal word:** Danger

### 3. Hazards Identification

This product is a colored, solvent borne metal pigment dispersants

Classification of the substance or mixture :

Flammable liquids category 2

Acute toxicity (oral) category 4

Acute toxicity (inhalation) category 4

Skin corrosion/ irritation category 2

Serious eye damage/irritation category 2B

Specific target organ systemic toxicity (Repeated exposure) category 2

Revision Date	10. 22. 2016.	<b>Material Safety Data Sheet</b>	Page No.	2/5
---------------	------------------	-----------------------------------	----------	-----

Aspiration toxicity category 1

Hazardous to the aquatic environment - acute hazard category 3

**Hazard substance:** n-Butyl Acetate, Ethyl Alcohol

**Hazard statement:**

High flammable liquid and vapor

Harmful if swallowed

Harmful if inhaled

Causes skin irritation

Causes eye irritation

May cause damage to organs through prolonged or repeated exposure

May be fatal if swallowed and enters airways Harmful to aquatic life

**Precautionary statements:**

Keep container tightly closed

Keep away from ignition sources such as heat /sparks/open flame - No smoking

Store in cool/well-ventilated place

Remove/Take off immediately all contaminated clothing

Avoid breathing dust/fume/gas/mist/vapors/spray

Use only outdoors or in a well-ventilated area

Wear eye / face protection

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

Other hazards : Heat generation when polymerization , carbon oxide generation when decomposition by heat .

**4. First Aid Measures**

**Inhalation:** Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get medical attention immediately.

**Eye Contact:** Immediately flush eyes with running water for at least 15 minutes. If redness, itching or a burning sensation develops, see a physician.

**Skin Contact:** Remove contaminated clothing/shoes and wipe off excess from skin. Wash exposed area with soap and water. If redness, itching or a burning sensation develops, get medical attention.

**Ingestion:** Get medical attention immediately.

**Note to Physicians:** None for this material.

Revision Date	10. 22. 2016.	<b>Material Safety Data Sheet</b>	Page No.	3/5
---------------	------------------	-----------------------------------	----------	-----

## 5. Fire-Fighting Measures

**Extinguishing Media:** Use dry chemical, carbon dioxide, foam or spray as appropriate for surrounding fire.

**Fire-Fighting Instructions:** Do not enter any enclosed or confined fire space without full protective equipment, including self-contained breathing apparatus to protect against the hazardous effects of combustion products and oxygen deficiency.

## 6. Accidental Release Measures

**Small Spills:** Dike and absorb with inert material such as sand and remove all liquid with the use of a vacuum system. If unable to remove liquid, then begin to absorb with sand, saw dust or commercial absorbent, and scoop up and place in containers for proper disposal. Keep spills and cleaning runoff out of the municipal sewers and open bodies of water. Decontaminate all clothing and the spill area with a detergent and large amounts of water.

**Large Spills:** Use same procedure as small spill.

## 7. Handling and Storage

**Handling Precautions:** Avoid skin or eye contact. Avoid prolonged or repeated breathing of vapors and mists. If spilled on clothing, launder before reuse. Do not take internally. Use only in a well ventilated area. Keep out of the reach of children.

**Storage Requirements:** Keep from freezing. Product will coagulate. Keep container tightly closed when not in use. Do not get in eyes, on skin or on clothing. Monomer vapors can be evolved with material is heated. Containers, even those that have been emptied, will retain product residue and vapors and are subject to proper waste disposal, as above.

## 8. Exposure Controls / Personal Protection

**Protective Clothing/Equipment:** The use of gloves impermeable to the specific material handled is advised to prevent skin contact and possible irritation. Use Chemical Goggles if splashing may occur.

Substance name:~ 8 hours time weighted average exposure limits(TWA) n-Butyl Acetate 150 ppm  
short-term exposure limits (STEL) n-Butyl Acetate 187.5 ppm

Personal protective equipment :

Respiratory protection : If this material is handled at elevated temperature or under mist forming conditions ,  
NIOSH/MSHA approved respiratory protection equipment should be used .

Hand protection : Chemical-resistant gloves should be wore when handing this product .

Eye protection : Chemical splash goggles and / or face shield must be worn when possibility exists  
for eye contact due to splashing or spraying liquid , airborne particles, or vapor Contact lenses should not be worn.



Revision Date	10. 22. 2016.	<b>Material Safety Data Sheet</b>	Page No.	5/5
---------------	------------------	-----------------------------------	----------	-----

B. Regulation Specified in Harmful Chemicals Control Act :Not Applicable

C. Regulation Specified in National Law of Safety Management of Hazardous material :

4th Class Dangerous Material, 4th Class Oil

D. Regulation Specified in Waste Control Act :When the content level is 5% or above, it shall be deemed

a designated waste in accordance to the Clause 4 of the Article 2 of the Waste Control Act.

E. Regulation Specified in Other Domestic or Overseas Acts :US Regulation-Highly Purified Mineral Oil

CERCLA 102a/103 Harmful Substance Regulation (40CFR 302.4): not an object of regulation

SARA TITLE III 302 Harmful Substance Regulation (40CFR 355.30): not an object of regulation

SARA TITLE III 304 Harmful Substance Regulation (40CFR 355.40): not an object of regulation

SARA TITLE III Hazard Division,SARA 311/312 Regulation (40CFR 370.21): Acute: No

Chronic: No

Reactivity: No

Sudden Discharge: No

SARA TITLE III 313 Regulation (40CFR 372.65355.40): not an object of regulation

OSHA Regulation ProcessSafety (29CFR1910.119): not an object of regulation

TSCA 12(b) Export Declaration-related Article: not an object of regulation

California Proposition 65: not an object of regulation

EU Regulation-Highly Purified Mineral Oil

EU-confirmed Classification: Carcinogen(Group 2)

Hazardous/Harmful Mark: T Toxic Substance

EU Hazard & Safety Phrases

R45 : May cause cancer

S53 : Exposure must be avoided. Users must receive special education prior to use.

S45 : If there is an accident or you feel that your health is at risk, you must immediately seek for medical advice from your doctor.

#### 14. Other Information

The information contained herein is based upon data and information available to us, and reflects our best professional judgement, but is offered without guarantee or warranty. This information is furnished upon the condition that the person receiving it shall make his own determination of the suitability of the material for his particular use.