

MATERIAL SAFETY DATA SHEET

THE HALLSTAR COMPANY

Section 1 - Identification of Substance and Company

Product Name: PARAPLEX® RGA-7 60%

Product Code: 3732

Chemical Name: Plasticizer/Toluene Blend

Supplier: The HallStar Company ⁽¹⁾
120 S. Riverside Plaza Suite 1620 PH: (877) 427-4255
Chicago, IL 60606
USA

HMIS
Health: 2
Flammability: 3
Reactivity: 0
Gloves and Goggles

Emergency Phone Numbers: The HallStar Company (708) 594 – 5999
CHEMTREC (transportation) (800) 424 – 9300

Section 2 – Information on Ingredients

<u>Chemical Name</u>	<u>CAS Number</u>
Plasticizer	Proprietary
Toluene	108-88-3

Section 3 – Hazard Identification

Appearance/Odor: Clear, pale yellow liquid; aromatic hydrocarbon odor

CAUTION! – Flammable liquid. Keep away from sparks, flames, and all ignition sources.

Potential Health Effects

Skin Contact: Repeated or prolonged skin contact may cause skin irritation, drying or cracking.

Eye Contact: High vapor concentration can cause irritation.

Ingestion: Ingestion of material will cause irritation of throat and stomach.

Inhalation: Can cause irritation of nose and throat, drowsiness, slurred speech, headache, nausea, dizziness, or unconsciousness.

Section 4 - First Aid Measures

Skin Contact: Wash affected skin with soap and water. If drying occurs a topical lotion should be applied.

Eye Contact: Flush eyes with large amounts of water for at least 15 minutes. If irritation persists, consult a physician. In case of irritation from airborne exposure, move to fresh air.

Ingestion: Do not induce vomiting. Give two glasses of water and seek medical attention.

Inhalation: Person should be moved to a fresh air environment.

Section 5 - Explosion and Fire-Fighting Measures

Flash Point: 48°F (TCC)

Extinguishing Media: CO₂ , Dry Chemical, Water Fog

Special Fire-Fighting Procedures: A MSHA/NIOSH approved self contained breathing apparatus should be worn. Use water spray to cool fire-exposed containers.

Unusual Fire and Explosion Hazards: Vapors may travel considerable distance to a source of ignition and flash back. Empty containers retain product residue and can be dangerous. Do not pressurize, cut, weld, drill or expose containers to heat, flame, sparks, static electricity, or other sources of ignition.

Section 6 - Accidental Release/Spill Procedures

Steps to be Taken in Case Material is Released or Spilled: Eliminate all ignition sources. Evacuate the spill area and wear MSHA/NIOSH approved respirator suitable for vapor concentration encountered. Dike and contain the spill with inert material (ie: sand, earth, sawdust) and transfer liquid and solid diking material to separate containers for recovery or disposal. Wash floor area with hot water solution. Remove contaminated clothing and wash before reuse. Wash affected skin areas with soap and water. Keep spills out of all sewers and bodies of water.

Section 7 - Handling and Storage

Any use of this product in an elevated process, should be evaluated to establish and maintain safe operating procedures. Avoid contact with eyes and prolonged or repeated contact with skin. Avoid breathing high vapor concentrations.

Containers should be kept tightly closed and stored in a dry well-ventilated place. Keep away from heat, sparks, flame, and oxidizing materials. Limit indoor storage to explosion proof areas equipped with automatic sprinklers. Use only with adequate ventilation. Do not store below 20°F and above 100°F for prolonged periods. Low temperature storage can cause handling problems due to increase in viscosity.

Section 8 - Personal Protection

Recommended Exposure Limits: 50 ppm toluene

Hand Protection: Nitrile gloves

Eye Protection: Splash goggles

Respiratory Protection: A NIOSH approved respirator must be worn when the PEL/TLV is met or exceeded.

Ventilation: Use explosion proof local exhaust ventilation to maintain exposure below TLV(s).

Engineering Measures: General or local exhaust ventilation sufficient to maintain employee exposure below the PEL/TLV.

Other: Impervious apron, Eyewash facility in vicinity, and emergency shower.

Section 9 - Physical and Chemical Properties

Boiling Point:	N/A	Specific Gravity:	0.96
Flash Point (TCC):	48° F	Evaporation Rate:	1.9
Vapor Pressure:	22 mmHg @20°C	Solubility in Water:	Negligible
Vapor Density (Air-1) (Pet. Hydrocarbon):	3.1	% Volatile by Vol:	40
Appearance and Odor:	Clear, pale yellow liquid; aromatic hydrocarbon odor		

Section 10 - Stability and Reactivity

Stability: This product is stable under normal conditions.

Conditions to Avoid: Strong oxidizing agents.

Hazardous Decomposition Products: None under normal use conditions; oxides of carbon when burned. Hazardous polymerization will not occur under normal circumstances.

Section 11 - Toxicological Information

Toluene has been demonstrated to be embryofetotoxic and teratogenic in laboratory animals.

Section 12 - Ecological Information

Not ecological information available at this time.

Section 13 - Disposal Considerations

Waste Disposal Methods: Material should be disposed of in accordance to current local, state, and national regulations. Contacting a waste disposal service is recommended.

Section 14 - Transport Information

Regulated as hazardous per Department of Transportation regulations.

DOT Proper Shipping Name: Resin Solution

DOT Technical Name: (contains toluene)

DOT Hazard Class: Flammable Liquid

DOT Identification Number: UN 1866

DOT Packing Group: II

DOT RQ: 2500 lbs.

Section 15 - Regulatory Information

Toxic Substances Control Act (TSCA): This product is in compliance with the TSCA regulation of the United States.

Domestic Substance List (DSL): This product is listed on the DSL inventory of Canada.

European Inventory of Existing Chemical Substances (EINECS): This product or its monomers are listed on the EINECS inventory of Europe.

Superfund Amendments and Reauthorization Act (SARA): This product has the following hazards as defined in Section 311/312 of 40 CFR part 372:

Hazards

Acute (Immediate) Health Hazard
Delayed (Chronic) Health Hazard
Fire Hazard

This product contains the following chemicals subject to the reporting requirements of Section 313 or Title III of SARA and 40 CFR Part 372:

<u>Ingredients</u>	<u>CAS #</u>	<u>%</u>
Toluene	108-88-3	40

California Proposition 65: This product contains the following substances known to the state of California to cause birth defects, or other reproductive harm per the Safe Drinking Water and Toxic Enforcement Act of 1986.

Ingredients

Toluene

EU Risk and Safety Phrases:

R-11: Highly flammable
R-20: Harmful by inhalation
S-2: Keep out of reach of children
S-16: Keep away from sources of ignition – no smoking
S-25: Avoid contact with eyes
S-29: Do not empty into drains
S-33: Take precautionary measures against static discharges

Section 16 - Other Information

Prepared By: AAC

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Supersedes: 08/04

All information is presented in good faith using available information. The HallStar Company makes no representation of the accuracy or completeness of the information. The user should consider this information as a supplement to other information that may be available. User should also determine suitability of information in their situation to determine proper use and disposal, protection of persons and the environment.

⁽¹⁾ Affiliated companies include RTD*HallStar Company, HallStar Solutions Corp., Ester Solutions Company, Memphis Solutions Company and Marine Magnesium & Minerals Company.