



NFPA	OSHA HCS Risk Phrases	Personal Protective Equipment
	Not controlled under the HCS (United States).	

Section 1 Chemical Product and Company Identification

Product Name Plas-Chek® 775	
Manufacturer Ferro Corporation, Polymer Additives Division Walton Hills Operation 7050 Krick Road Walton Hills, Ohio 44146-4494 USA	<u>Emergency Phone Numbers</u> CHEMTREC: 1-800-424-9300 24 Hour Information: 1-216-641-5324 Plant-Week Days Only: 1-216-750-6708
Chemical Name Epoxidized Soybean Oil	
Chemical Family Not available.	
Synonym Not available.	
CAS# 8013-07-8	

Section 2 Composition and Information on Ingredients

INGREDIENTS	CAS #	% Weight	OSHA (PEL) ACGIH (TLV)
1) Epoxidized Soybean Oil	8013-07-8	100	TWA: 15 (mg/m ³) oil mist from OSHA (PEL) [United States] TWA: 10 (mg/m ³) oil mist from ACGIH (TLV) [United States]

Section 3 Hazards Identification

Emergency Overview	Amber. (Light.) Bland. Liquid.
No specific hazard.	Non-irritating substance. Non-toxic.
Potential Health Effects	
Acute	Non-irritant for skin. Non-irritating to the eyes. Non-hazardous in case of inhalation.
Chronic	There is no known effect from chronic exposure to this product.

Section 4 First Aid Measures

Eye	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.
Skin	Wash with soap and water. Get medical attention if irritation develops.
Inhalation	Allow the victim to rest in a well ventilated area. Oxygen may be administered if breathing is difficult. Seek medical attention.
Ingestion	Non-toxic. If large amounts are ingested, seek medical attention.

Section 5 Fire and Explosion Data

Flammability	Non-flammable.	Flash Point	OPEN CUP: 310°C (590°F) (Cleveland.).
Auto-Ignition Temperature	Not available.	Flammable Limits	Not available.
Fire Fighting Media and Instructions	SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet. Use extinguishing media suitable for surrounding materials.		
Combustion Products	Products of combustion, carbon oxides (CO, CO ₂).		
Fire Hazards	No additional remark.		

Section 6 Accidental Release Measures

Small Spill	Absorb with an inert material and place in an appropriate waste disposal container.
Large Spill	Non-flammable. Wear suitable protective clothing, gloves and eye/face protection. Prevent entry into sewers, basements or confined areas. Absorb with DRY earth, sand or other non-combustible material. Recycle to process, if possible.
Personal Protection	
Small Spill	Safety glasses. Gloves.
Large Spill	Splash goggles. Full suit. Boots. Gloves. Wear appropriate respirator when ventilation is inadequate.

Section 7 Handling and Storage

Precaution	Wear suitable gloves and eye/face protection. Avoid breathing vapors or spray mists. Wash thoroughly after handling.
Storage	Keep container tightly closed. Keep container in a cool, well-ventilated area. Segregate from oxidizing materials.

Section 8 Exposure Controls/Personal Protection

Engineering Controls	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.
Personal Protection	Safety glasses. Gloves.
Exposure Limits	See Section 2

Section 9 Physical and Chemical Properties

Physical state	Liquid.	Odor	Bland.
pH (1% soln/water)	Not applicable.	Color	Amber. (Light.)
Boiling Point	>316°C (600.8°F)	Specific Gravity	1 (Water = 1)
Vapor Pressure	Not available.	Vapor Density	Not available.
Volatility	Not available.	Viscosity	Not available.
Evaporation rate	<1 compared to water	Solubility	Insoluble in cold water, hot water.

Section 10 Stability and Reactivity Data

Instability	The product is stable.	Will material polymerize?	Will not occur.
Incompatibles	Reactive with oxidizing agents.		
Corrosivity	Non-corrosive in presence of glass, of steel.		

Section 11 Toxicological Information

Routes of Entry	Eye and skin contact.		
Toxicity to Animals	Acute oral toxicity (LD50): 40000 mg/kg [Rat]. Acute dermal toxicity (LD50): 20000 mg/kg [Rabbit].		
Acute Effects	Non-irritant for skin. Non-irritating to the eyes. Non-hazardous in case of inhalation.		
Chronic Effects	There is no known effect from chronic exposure to this product.		

Section 12 Ecological Information

Ecotoxicity	Not available.		
BOD5 and COD	Not available.		
Biodegradation	Not available.		

Section 13 Disposal Considerations**Waste Disposal** Waste must be disposed of in accordance with federal, state and local environmental control regulations.**Section 14 Transport Information****DOT Description - Bulk** Not regulated by DOT.**DOT Description - Non-Bulk** Not regulated by DOT.**Reportable Quantity** CERCLA: Hazardous substances.: No products were found.**WHMIS** Not controlled under WHMIS (Canada).**WHMIS(Canada) Pictogram****TDG(Canada) Pictogram****Section 15 Other Regulatory Information****USA Regulatory Lists** State Right-to-Know List: No listings for CA, FL, NJ, MI, MN, MS, PA, RI.
New Jersey TSRN Number: 10305746**SARA 313** SARA 313 toxic chemical notification and release reporting: No products were found.**HMIS (U.S.A.)**

Health Hazard

0

Fire Hazard

0

Reactivity

0

Personal Protection

A

**TSCA 8(b)
inventory
CEPA
EINECS Status**TSCA (Toxic Substance Control Act): This product is listed on the TSCA Inventory.
Canadian environmental protection act (CEPA): This product is on the Domestic Substances List (DSL).
EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.**Section 16 Other Information****References** Not available.

Issued on 3/7/2002.

Printed 3/8/2002.

MSDS PAD WH V3.1.1 Plas-Chek®

Notice to Reader

The information and recommendations contained in this Material Safety Data Sheet have been compiled from sources believed to be reliable and to represent the most reasonable current opinion on the subject when the MSDS was prepared. No warranty, guaranty or representation is made as to the correctness or sufficiency of the information. The user of this product must decide what safety measures are necessary to safely use this product, either alone or in combination with other products, and determine its environmental regulatory compliance obligations under any applicable federal or state laws.

Instructions to the customer/purchaser.

This MSDS contains important environmental, safety and health information for your employees who will be using this product. Please give this information to them. If you resell this product, give a copy of this MSDS to the buyer.