



SAFETY DATA SHEET

1. IDENTIFICATION

Product Name: **TMC Soy-Solvent**

Manufacturer: TMC Industries Inc., 1423 Mill Lane, Waconia, MN 55387

Emergency Telephone: 952 442-1140

2. HAZARDS IDENTIFICATION

OSHA/HCS status :

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

Classification of the substance or mixture:



GHS07

Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2B H320 Causes eye irritation.

GHS label elements

The substance is classified and labeled according to the Globally Harmonized System (GHS).

Hazard pictograms:



GHS07

Signal word : Warning

Hazard statements : May cause skin and eye irritation.

Precautionary statements: Wear protective gloves and safety glasses as needed.

Wash thoroughly after handling.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Specific treatment (see supplementary first aid instructions on this Safety Data Sheet).

If skin irritation occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

If on skin: Wash with plenty of water.

Take off contaminated clothing and wash it before reuse.

Unknown acute toxicity:

100 percent of the mixture consists of ingredient(s) of unknown toxicity.



Classification system:

NFPA ratings (scale 0-4)



Health = 1, Fire = 1, Reactivity = 0

HMIS-ratings (scale 0-4)

Health = 1, Fire = 1, Reactivity = 0

3. Composition/information on ingredients

Name	CAS Number
Methyl Ester Soy, soybean oil	67784-80-9

4. FIRST AID MEASURES

Eye contact: Rinse open eye with large amounts of water for 15minutes, occasionally lifting the lower and upper lids. Get medical attention.

Inhalation: If a person breathes in large amounts of material, move from area of exposure; seek medical attention if symptoms persist.

Skin Contact: Wash skin with soap and water.

Ingestion: Do not induce vomiting. Get medical attention immediately.

Most important symptoms/effects. acute and delayed

No known significant effects or critical hazards.

Indication of immediate medical attention and special treatment needed, if necessary

No specific treatment.

5. FIRE FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media: Use water spray to cool fire exposed surfaces and to protect personnel. Foam, dry chemical or water spray (fog) to extinguish fire.

Unsuitable extinguishing media: None known.

Specific hazards arising from the chemical:

Rags soaked with any solvent present a fire hazard and should always be stored in UL listed or Factory Mutual approved covered containers. Improperly stored rags can create conditions that lead to oxidation. Oxidation, under certain conditions, can lead to spontaneous combustion.



Hazardous thermal decomposition products: No specific data.

Special protective actions for fire-fighters:

Treat as an oil fire. Wear self-contained breathing apparatus, pressure-demand (NIOSH approved or equivalent), and full protective gear to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unnecessary and unprotected persons away.

Environment precautions.

Do not allow to enter sewers, surface or ground water. Inform respective authorities in case of seepage into water course or sewage system.

Methods and materials for containment and cleaning up

Spill: Contain with dikes or absorbent to prevent migration to sewers/streams. Take up small spill with dry chemical absorbent; large spills may require pump or vacuum prior to absorbent. May require excavation of severely contaminated soil.

7. HANDLING AND STORAGE

Precautions for safe handling

Store in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10).

8. EXPOSURE CONTROL [PERSONAL PROTECTION]

Control parameters

Occupational exposure limits: None

Appropriate engineering controls: Use only with adequate ventilation

Environmental exposure controls: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

Individual protection measures

Hygiene measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection: Recommended: Splash goggles and a face shield, where splash hazard exists.

Skin protection

Hand protection: 4 - 8 hours (breakthrough time): Nitrile gloves

Body protection: Recommended: Long sleeved coveralls.

Other skin protection: Recommended: Impervious boots.

Respiratory protection: If ventilation is inadequate, use a NIOSH-certified respirator with an organic vapor cartridge and P95 particulate filter.

9. PHYSICAL AND CHEMICAL PROPERTIES

<p>Appearance</p> <p>Physical State: Liquid</p> <p>Color Light: Yellow</p> <p>Odor: Mild</p> <p>Odor threshold: Not available</p> <p>pH: Not available</p> <p>Melting Point: Not available</p> <p>Boiling point: 200°C</p> <p>Flash Point: Closed cup: (closed up): 130°C</p> <p>Flammability: Not available</p> <p>Low and upper explosive (flammable limits): Not available.</p>	<p>Relative density: 0.88</p> <p>Evaporation: rate (Butyl acetate = 1)</p> <p>Solubility: Insoluble in the following materials: cold water and hot water</p> <p>Solubility in water : Insoluble</p> <p>Partition coefficient: n-octanol/Water: Not available</p> <p>Auto-ignition Temperature: Not available</p> <p>Decomposition temperature: Not available</p> <p>SADT: Not available</p> <p>Viscosity: Not available</p> <p>Vapor pressure: >0.27 kPa (>2 mm Hg) (680F)</p> <p>Va or densi Air = 1</p>
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10. STABILITY AND REACTIVITY

Reactivity: No further relevant information available.

Chemical stability: The product is stable.

Possibility of hazardous reactions: Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid: No specific data.

Incompatible materials: Reactive or incompatible with the following materials: oxidizing materials.

Hazardous decomposition products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Soybean oil, Methyl ester	LD50 Oral	Rate	17400m /k	

Irritation/Corrosion

Skin : There is no data available

Eyes : There is no data available.

Respiratory : There is no data available.

Sensitization

Skin : There is no data available.

Respiratory : There is no data available.

Mutagenicity: There is no data available.

Carcinogenicity: There is no data available.

Reproductive toxicity: There is no data available.

Teratogenicity: There is no data available.

Specific target organ toxicity (single exposure): There is no data available.

Specific target organ toxicity (repeated exposure): There is no data available.

Information on the likely routes of exposure: Dermal contact. Eye contact. Inhalation. Ingestion.

Aspiration hazard: There is no data available.

Toxicity: There is no data available.

Persistence and degradability: There is no data available.

Bioaccumulative potential :

Product/ingredient name	LO Pow	BCF	Potential
Soybean oil, Methyl ester	7.8	-	hi h

Mobility in soil

Soil(water partition coefficient (KOC)) : There is no data available.

Other adverse effects : No known significant effects or critical hazards.

13. DISPOCAL CONSIDERATIONS

Disposal methods: Do not dispose of together with household garbage. Do not allow product to reach sewage system.

Disposal of this product, solutions and any by-products should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Recommendation: Product can be recycled by TMC Industries Inc. Call 952-442-1140 for details.

14. TRANSPORT INFORMATION

DOT IDENTIFICATION NUMBER: Not applicable.

DOT proper shipping name: Not applicable.

DOT Hazard Class(es): Not applicable.

PG: Not applicable.

DOT EMER. RESPONSE GUIDE NO.: Not applicable

15. REGULATORY INFORMATION:

**U.S. Federal regulations : TSCA 8(a) CDR Exempt/Partial exemption: Not determined
United States inventory (TSCA 8b): All components are listed or exempted.**

Clean Air Act Section 112(b) Hazardous Air Pollutants (HAPs) : Not listed

Clean Air Act Section 602 Class I Substances : Not listed

Clean Air Act Section 602 Class II Substances : Not listed

DEA List I Chemicals (Precursor Chemicals): Not listed

DEA List II Chemicals (Essential Chemicals): Not listed

SARA 302/304

Composition/information on ingredients: No products were found.

SARA 311/312

Classification: Not applicable.

Composition/information on ingredients: No products were found.

SARA 313: This product (does/not) contain toxic chemicals subject to the reporting requirements of SARA Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

Product name	CAS number	%
Not applicable		

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

State regulations: None of the components are listed.

Massachusetts: None of the components are listed.

New York: None of the components are listed.

New Jersey: None of the components are listed.

Pennsylvania: None of the components are listed.

California Prop. 65: Not available

16. OTHER INFORMATION:

Revision date : 12/14/2016