

Division for Air Quality		DEP7007AI		Additional Documentation	
300 Sower Boulevard		Administrative Information		Additional Documentation attached	
Frankfort, KY 40601		X Section AI.1: Source Information			
(502) 564-3999		X Section AI.2: Applicant Information			
		X Section AI.3: Owner Information			
		X Section AI.4: Type of Application			
		X Section AI.5: Other Required Information			
		X Section AI.6: Signature Block			
		X Section AI.7: Notes, Comments, and Explanations			
Source Name:		Meritor Heavy Vehicle Systems, LLC			
KY EIS (AFS) #:		21- 073-00051			
Permit #:		F-21-010			
Agency Interest (AI) ID:		38098			
Date:		4/28/2026			
Section AI.1: Source Information					
Physical Location	Street:	88 Steadmantown Lane			
Address:	City:	Frankfort	County:	Franklin	Zip Code: 40601
	Street or	Same as physical address			
Mailing Address:	P.O. Box:				
	City:		State:		Zip Code:
Standard Coordinates for Source Physical Location					
Longitude:	-84.818611 (decimal degrees)		Latitude:	38.214167 (decimal degrees)	
Primary (NAICS) Category:		Motor Vehicle Steering and Suspension Components	Primary NAICS #:	336330	

Classification (SIC) Category:		Motor Vehicle Parts and Accessories (gasoline engines and engine parts including rebuilt)		Primary SIC #: 3714	
Briefly discuss the type of business conducted at this site:		Meritor Heavy Vehicle Systems, LLC (Meritor) manufactures heavy vehicle axles and components for trucks and trailers. Most of the parts are manufactured elsewhere. Final assembly and painting occur at this facility.			
Description of Area Surrounding Source:		☐ Rural Area	☐ Industrial Park	☒ Residential Area	Is any part of the source located on federal land?
Source:		☐ Urban Area	☒ Industrial Area	☒ Commercial Area	☐ Yes ☒ No
Approximate distance to nearest residence or commercial property:		500		Property Area:	25.9
Is this source portable? ☐ Yes ☒ No					
What other environmental permits or registrations does this source currently hold or need to obtain in Kentucky?					
NPDES/KPDES: ☒ Currently Hold ☐ Need ☐ N/A					
Solid Waste: ☐ Currently Hold ☐ Need ☒ N/A					
RCRA: ☒ Currently Hold ☐ Need ☐ N/A					
UST: ☐ Currently Hold ☐ Need ☒ N/A					
Type of Regulated Waste Activity:					
☐ Mixed Waste Generator ☒ Generator ☐ Recycler ☐ Other: _____					
☐ U.S. Importer of Hazardous Waste ☐ Transporter ☐ Treatment/Storage/Disposal Facility ☐ N/A					

Section AI.2: Applicant Information

Applicant Name:	Meritor Heavy Vehicle Systems, LLC			
Title: (if individual)	N/A			
Mailing Address:	Street or P.O. Box:	88 Steadmantown Lane		
	City:	Frankfort	State:	KY Zip Code: 40601
Email: (if individual)	N/A			
Phone:	859-582-0212			

Technical Contact

Name:	Michael Fearing			
Title:	HSE - Leader			
Mailing Address:	Street or P.O. Box:	88 Steadmandtown Lane		
	City:	Frankfort	State:	KY Zip Code: 40601
Email:	michael.fearing@cummins.com			
Phone:	859-582-0212			

Air Permit Contact for Source

Name:	Michael Fearing			
Title:	HSE - Leader			
Mailing Address:	Street or P.O. Box:	88 Steadmantown Lane		
	City:	Frankfort	State:	KY Zip Code: 40601
Email:	michael.fearing@cummins.com			
Phone:	859-582-0212			

Section AI.3: Owner Information☐ **Owner same as applicant****Name:** Meritor Automotive Inc.**Title:** Owner**Mailing Address:** **Street or P.O. Box:** 2135 Maple Road
City: Troy **State:** MI **Zip Code:** 48084**Email:** Michael.Alexander@cummins.com**Phone:** 859-582-0212**List names of owners and officers of the company who have an interest in the company of 5% or more.****Name****Position**

Section AI.4: Type of Application

Current Status:	☐ Title V	☒ Conditional Major	☐ State-Origin	☐ General Permit	☐ Registration	☐ None
Requested Action: (check all that apply)	☐ Name Change	☐ Initial Registration	☐ Significant Revision	☐ Administrative Permit Amendment		
	☒ Renewal Permit	☐ Revised Registration	☐ Minor Revision	☐ Initial Source-wide Operating Permit		
	☐ 502(b)(10) Change	☐ Extension Request	☐ Addition of New Facility	☐ Portable Plant Relocation Notice		
	☐ Revision	☐ Off Permit Change	☐ Landfill Alternate Compliance Submittal	☐ Modification of Existing Facilities		
	☐ Ownership Change	☐ Closure				
Requested Status:	☐ Title V	☒ Conditional Major	☐ State-Origin	☐ PSD	☐ NSR	☐ Other: _____

Is the source requesting a limitation of potential emissions?☐ Yes☒ No

Pollutant:	Requested Limit:	Pollutant:	Requested Limit:
☐ Particulate Matter	<u>No requested change to</u>	☐ Single HAP	_____
☐ Volatile Organic Compounds (VOC)	<u>current permit limits</u>	☐ Combined HAPs	_____
☐ Carbon Monoxide	_____	☐ Air Toxics (40 CFR 68, Subpart F)	_____
☐ Nitrogen Oxides	_____	☐ Carbon Dioxide	_____
☐ Sulfur Dioxide	_____	☐ Greenhouse Gases (GHG)	_____
☐ Lead	_____	☐ Other	_____

For New Construction:
Proposed Start Date of Construction:
 (MM/YYYY)
N/A**Proposed Operation Start-Up Date:** (MM/YYYY)N/A**For Modifications:**
Proposed Start Date of Modification:
 (MM/YYYY)
N/A**Proposed Operation Start-Up Date:** (MM/YYYY)N/A**Applicant is seeking coverage under a permit shield.**☐ Yes☒ No
Identify any non-applicable requirements for which permit shield is sought on a separate attachment to the application.

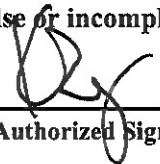
Section AI.5 Other Required Information

Indicate the documents attached as part of this application:

- | | |
|--|---|
| ☐ DEP7007A Indirect Heat Exchangers and Turbines | ☐ DEP7007CC Compliance Certification |
| ☐ DEP7007B Manufacturing or Processing Operations | ☒ DEP7007DD Insignificant Activities |
| ☐ DEP7007C Incinerators and Waste Burners | ☐ DEP7007EE Internal Combustion Engines |
| ☐ DEP7007F Episode Standby Plan | ☐ DEP7007FF Secondary Aluminum Processing |
| ☐ DEP7007J Volatile Liquid Storage | ☐ DEP7007GG Control Equipment |
| ☐ DEP7007K Surface Coating or Printing Operations | ☐ DEP7007HH Haul Roads |
| ☐ DEP7007L Mineral Processes | ☐ Confidentiality Claim |
| ☐ DEP7007M Metal Cleaning Degreasers | ☐ Ownership Change Form |
| ☐ DEP7007N Source Emissions Profile | ☐ Secretary of State Certificate |
| ☐ DEP7007P Perchloroethylene Dry Cleaning Systems | ☐ Flowcharts or diagrams depicting process |
| ☐ DEP7007R Emission Offset Credit | ☐ Digital Line Graphs (DLG) files of buldings, roads, etc. |
| ☐ DEP7007S Service Stations | ☐ Site Map |
| ☐ DEP7007T Metal Plating and Surface Treatment Operations | ☐ Map or drawing depicting location of facility |
| ☐ DEP7007V Applicable Requirements and Compliance Activities | ☐ Safety Data Sheet (SDS) |
| ☐ DEP7007Y Good Engineering Practice and Stack Height Determination | ☐ Emergency Response Plan |
| ☐ DEP7007AA Compliance Schedule for Non-complying Emission Units | ☐ Other: _____ |
| ☐ DEP7007BB Certified Progress Report | |

Section AI.6: Signature Block

I, the undersigned, hereby certify under penalty of law, that I am a responsible official*, and that I have personally examined, and am familiar with, the information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the information is on knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false or incomplete information, including the possibility of fine or imprisonment.



 Authorized Signature

 Joseph K. Roy

Type or Printed Name of Signatory

 4-29-24

 Date

 Site Manager - Director

Title of Signatory

*Responsible official as defined by 401 KAR 52:001.

Section AI.7: Notes, Comments, and Explanations

1. Attached to this application is the SDS for the water-based paint (N-8584 black water-reducible primer) associated with Emission Unit 01. This SDS is being submitted for informational purposes as it will not impact the PTE calculations as it is not the worst-case scenario coating used (VOC content 1.7 lb/gal).

SAFETY DATA SHEET



DATE ISSUED :	4/14/2025
SDS REF. No :	N-8584

Black Water-Reducible Primer

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Black Water-Reducible Primer

PRODUCT CODE: N-8584

PRODUCT USE: Refer to TDS and product label.

MANUFACTURER

NCP Coatings, LLC
225 Fort Street
Niles, MI,
269-683-3377

24 HR. EMERGENCY TELEPHONE NUMBER

CHEMTREC (US Transportation): (800)424-9300

CHEMTREC (International Transportation) : 1(202)483-7616

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE : Liquid

IMMEDIATE CONCERNS : Harmful if inhaled or swallowed.

CLASSIFICATION : Aspiration Hazard 1, Eye Irritation 2, Skin Irritation 3

PICTOGRAMS



SIGNAL WORD : Warning

GHS HAZARD STATEMENTS : H302 Harmful if swallowed.

H317 May cause an allergic skin reaction.

H304 May be fatal if swallowed and enters airways.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

GHS PRECAUTIONARY STATEMENTS : P270 Do not eat, drink or smoke when using this product.

P284 (In case of inadequate ventilation) wear respiratory protection.

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor / physician.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P370 + P378 In case of fire: Use appropriate method to extinguish. See Section 5 of SDS.
P403 Store in a well-ventilated place.
P333 + P313 If skin irritation or rash occurs: Get medical advice / attention.
P501 Dispose of contents/container in accordance with local/national/international regulations.
P363 Wash contaminated clothing before reuse.
P264 Wash thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P281 Use personal protective equipment as required.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Wt %	CAS Number	GHS
Calcium Carbonate	15-20%	1317-65-3	None known.
*2-Butoxyethanol	6.92	111-76-2	H227 Combustible liquid. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H319 Causes serious eye irritation.
Carbon Black	2.37	1333-86-4	Not sufficient for classification.

* Toxic chemical subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

4. FIRST AID MEASURES

EYES : Immediately flush eyes with water. Flush eyes with water for a minimum of 15 minutes, occasionally lifting and lowering upper lids. Get medical attention promptly.

SKIN : Wash with soap and water. Get medical attention if irritation develops or persists. Remove contaminated shoes and clothes and clean before reuse.

INGESTION : DO NOT induce vomiting. Get medical attention immediately.

INHALATION : Rescuers should put on appropriate protective gear. Remove from area of exposure. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Keep victim warm. Get immediate medical attention.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

SYMPTOMS : May cause drowsiness or dizziness.

EFFECTS : Significant exposure to this chemical may adversely affect people with chronic disease of the respiratory system, central nervous system, kidney, liver, skin, and/or eyes.

5. FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA : Water mist or fog, dry chemical, foam, carbon dioxide.

FIRE FIGHTING PROCEDURES : As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear. Use water with caution, material may float and combust. Water may be ineffective in fighting the fire. Water spray to cool containers or protect personnel. Use with caution. Water runoff can cause environmental damage. Dike collect water used to fight fire. Small fires: carbon dioxide or dry chemical. Large fire: alcohol-type aqueous film-forming foam or water spray.

UNUSUAL FIRE AND EXPLOSION HAZARD : Material may combust at extreme temperature.. Empty containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT pressurize, cut, weld, braze, solder, grind or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. Also, do not reuse container without commercial cleaning or reconditioning.

COMBUSTION PRODUCTS : During combustion carbon monoxide and/or carbon dioxide may be formed.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL : Eliminate all sources of ignition. Provide good ventilation and minimize the breathing of vapors and avoid skin contact. Dike spill area and absorb the spilled liquid with earth, sawdust or a commercially available absorbent. Shovel spent absorbent into recovery or salvage drums for appropriate disposal.

LARGE SPILL : Wear appropriate personal protective equipment. Eliminate all ignition sources. Prevent additional discharge of material if able to do so safely. Do not touch or walk through spilled material. Avoid runoff into storm sewers and ditches which lead to waterways. Ventilate spill area. Stay upwind of spill. Use only non-combustible material for cleanup. Use clean, non-sparking tools to collect absorbed materials. Absorb spill with inert material (e.g. dry sand, earth or sawdust), then place in a chemical waste collector.

EMERGENCY PRECAUTIONS : Eliminate ignition sources. Avoid large exposures to vapors.

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING : Use only in a well ventilated area. Avoid breathing vapor, fumes, or mist. Avoid contact with eyes, skin, and clothing. Ground and bond containers when transferring material. Use spark-proof tools and explosion proof equipment. Always open containers slowly to allow any excess pressure to vent. Follow all SDS/label precautions even after containers are emptied because they may retain product residues.

CONDITIONS FOR SAFE STORAGE, INCLUDING INCOMPATIBILITIES : Keep away from heat, sparks, and flame. Store containers in a cool, well ventilated place. Keep container closed when not in use.

8. EXPOSURE CONTROLS\PERSONAL PROTECTION

EXPOSURE LIMITS

Components	CAS	Limits
Calcium Carbonate	1317-65-3	OSHA PEL 15 mg/m3 Total Dust ACGIH TLV 10 mg/m3 Total Dust
*2-Butoxyethanol	111-76-2	ACGIH TLV 20 PPM TWA OSHA PEL 25 PPM TWA
Carbon Black	1333-86-4	OSHA PEL: 3.5 mg/m3 TWA ACGIH TLV: 3.5 mg/m3 TWA

OSHA TABLE COMMENTS:

NE = Not Established

ENGINEERING CONTROLS : Engineering controls should be in place to minimize exposure to vapors and any ignition sources.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE : Wear safety glasses with side shields, goggles, or a face shield.

SKIN : Wear impervious gloves to prevent contact with skin. Wear protective gear as needed - apron, suit, boots.

RESPIRATORY : NIOSH/MSHA approved respirators may be necessary if airborne concentrations are expected to exceed exposure limits.

WORK HYGIENIC PRACTICES : Do not eat, drink, or smoke in areas where this material is used. Avoid breathing vapors. Remove contaminated clothing and wash before reuse. Wash thoroughly after handling. Wash hands before eating.

OTHER USE PRECAUTIONS : Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE : Liquid

ODOR : Typical

ODOR THRESHOLD : Not determined.

pH : Not determined.

MELTING POINT/FREEZING POINT: Not determined.

INITIAL BOILING POINT : 336 F **BOILING RANGE:** Not determined.

FLASH POINT AND METHOD : 205 F (96 C)
SETAFLASH CLOSED CUP

EVAPORATION RATE: Not determined.

FLAMMABILITY (SOLID,GAS): Not determined.

EXPLOSIVE LIMITS : 1.1 TO 10.6

VAPOR PRESSURE : Not determined.

VAPOR DENSITY : Not determined.

SPECIFIC GRAVITY : 1.4996701

SOLUBILITY: Not determined.

PARTITION COEFFICIENT: N-OCTANOL/WATER: Not determined.

AUTO-IGNITION TEMPERATURE : Not determined.

DECOMPOSITION TEMPERATURE: Not determined.

VISCOSITY: Semi-viscous.

VOC EPA METHOD 24 : 1.6901935 lb/gal

10. STABILITY AND REACTIVITY

STABILITY : No information available.

CONDITIONS TO AVOID : Avoid impact, friction, heat, sparks, flame and source of ignition.

INCOMPATIBLE MATERIALS : Prevent contact with strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: During combustion carbon monoxide and/or carbon dioxide may be formed.

HAZARDOUS POLYMERIZATION : No information available.

11. TOXICOLOGICAL INFORMATION

SIGNS AND SYMPTOMS OF OVEREXPOSURE :

ACUTE EFFECTS :

EYE : Causes eye irritation.

SKIN : Causes skin irritation. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

INHALATION : Vapors are irritating to nasal passages and throat. High concentrations can cause stupor and headaches. May cause dizziness and drowsiness.

INGESTION : Irritating to mouth, throat, and stomach. May cause headache. May cause dizziness and drowsiness and/or stupor.

CHRONIC EFFECTS : Significant exposure to this chemical may adversely affect people with chronic disease of the respiratory system, central nervous system, kidney, liver, skin, and/or eyes.

Primary Route(s) of Entry: Eye Contact, Ingestion, Inhalation, Skin Contact

ACUTE TOXICITY VALUES : The acute effects of this product have not been tested. Data on individual components are listed below.

2-Butoxyethanol(111-76-2)
Oral LD50: >470 mg/kg
Dermal LD50: >2,000 mg/kg
Vapor LC50: >450,220 mg/L
Calcium Carbonate(1317-65-3)
Oral LD50: 6450 mg/kg
Carbon Black(1333-86-4)
Oral LD50: >8000 mg/kg

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: Information not available on mixture. Information on individual components is listed below if available.

2-Butoxyethanol(111-76-2)
No information available.
Calcium Carbonate(1317-65-3)
Not expected to be harmful to aquatic organisms
Carbon Black(1333-86-4)
Acute algae EC50: >10,000 mg/L
Acute fish LC50>1000 mg/L
Acute water flea EC50:>5600 mg/L

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD : Dispose of waste in accordance with all local, state, and federal regulations.

14. TRANSPORT INFORMATION

UN NUMBER/ PROPER SHIPPING NAME/ TRANSPORT HAZARD CLASS/ PACKING GROUP
: NON HAZARDOUS NOT REGULATED

15. REGULATORY INFORMATION

REGULATORY OVERVIEW: The regulatory data in section 15 is not intended to be all-inclusive, only selected regulations are represented.

TSCA: All components of this material are either listed or exempt from listing on the TSCA Inventory. This material contains no substances that are subject to TSCA 12(b) export notification.

**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)
311/312/313 REPORTABLE INGREDIENTS:** See Section 3.

EPA HAZARDS:

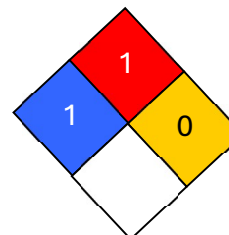
FIRE : No **PRESSURE GENERATING :** No
REACTIVITY : No **ACUTE :** Yes **CHRONIC :** Yes

DSL: All components of this material are on or exempt from listing on the Canadian Domestic Substances List(DSL).

16. OTHER INFORMATION

HMIS RATING	
Health :	2
Flammability :	1
Reactivity :	0
Personal Protection :	G

NFPA CODES



HMIS and NFPA rating scale: (0=minimal hazard; 4=severe hazard)

REVISION INDICATOR : 6/24/24

MANUFACTURER DISCLAIMER : The foregoing data has been compiled from sources which the company, in good faith, believes to be dependable and is accurate and reliable to the best of our knowledge and belief. However, the company cannot make any warranty or representation respecting the accuracy or completeness of the data and assumes no responsibility for any liability or damages relating thereto or for advising you regarding the protection of your employees, customers, or others. User should consult OSHA and other applicable safety laws and regulations before use.

Division for Air Quality

300 Sower Boulevard
Frankfort, KY 40601
(502) 564-3999

DEP7007DD**Insignificant Activities**

- ☒ Section DD.1: Table of Insignificant Activities
☒ Section DD.2: Signature Block
☒ Section DD.3: Notes, Comments, and Explanations

Source Name: Meritor Heavy Vehicle Systems, LLC

KY EIS (AFS) #: 21- 073-00051

Permit #: F-21-010

Agency Interest (AI) ID: 38098

Date: 4/28/2026

Section DD.1: Table of Insignificant Activities

*Identify each activity with a unique Insignificant Activity number (IA #); for example: 1, 2, 3... etc.

Insignificant Activity #	Description of Activity including Rated Capacity	Serial Number or Other Unique Identifier	Applicable Regulation(s)	Calculated Emissions
1	16 Welding stations- (previously 15)	Fanuc #2	Same as previous 401 KAR 59:010 401 KAR 63:020	<1,000 pounds combined HAPs/yr <5 tons/yr non-hazardous regulated pollutant

Insignificant Activity #	Description of Activity including Rated Capacity	Serial Number or Other Unique Identifier	Applicable Regulation(s)	Calculated Emissions

Section DD.2: Signature Block

I, THE UNDERSIGNED, HEREBY CERTIFY UNDER PENALTY OF LAW, THAT I AM A RESPONSIBLE OFFICIAL, AND THAT I HAVE PERSONALLY EXAMINED, AND AM FAMILIAR WITH, THE INFORMATION SUBMITTED IN THIS DOCUMENT AND ALL ITS ATTACHMENTS. BASED ON MY INQUIRY OF THOSE INDIVIDUALS WITH PRIMARY RESPONSIBILITY FOR OBTAINING THE INFORMATION, I CERTIFY THAT THE INFORMATION IS ON KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE OR INCOMPLETE INFORMATION, INCLUDING THE POSSIBILITY OF FINE OR IMPRISONMENT.

By:

Joseph K. Roy

Authorized Signature

Type/Print Name of Signatory

4-29-26

Date

Site Manager - Director

Title of Signatory

Section DD.3: Notes, Comments, and Explanations

1. This form is being submitted for the addition of the Fanuc #2 welding station. This welding station exhausts to the same unit that controls the Fanuc #1 station. Potential emissions are below the insignificant activity thresholds in 401 KAR 52:030 Section 6.1(a) and meets the criteria in Sections 6.1(b) through (c).
