



Safety Data Sheet

Dynaflux SDS 387B 4/22/2014

Product: Dynaflux Aluminized Weldable Primer (Liquid)

Part 1: Product and Company Identification

Identification 387B

Trade Name: Dynaflux Aluminized Weldable Primer

Product Use: Protection against rust and corrosion on all metal surfaces.

Manufacturers Name: Dynaflux, Inc.

241 Brown Farm Rd.

Cartersville, GA 30120 U.S.A.

Preparation Date: 04/25/2013

Emergency Telephone Number: For U.S.: 800-255-3924 International: 813-248-0585

Part 2: Hazardous IngredientsSignal Word: **DANGER****H226:** Flammable liquid and vapor**H305:** May be harmful if swallowed and enters airways**H315:** Causes skin irritation**H334:** May cause allergy or asthma symptoms or breathing difficulties if inhaled.

HAZARDOUS COMPONENT	CAS NUMBER	OSHA PEL	ACGIH TLV	VAPOR PRESS MMHg @ TEMP	SARA SEC. 313*	WEIGHT PERCENT
Stoddard Solvent	8052-41-2	100 PPM	100 PPM	2.0@68		55
Aluminum Flake	7429-90-5	15MG/M3	10MG/M3	NA	YES	10

* Ingredients marked YES are subject to the reporting requirements of the Superfund Amendments and Reauthorization Act (SARA) Section 313, 40 CFR 372.

Part 3: Hazards Identification**Emergency Overview:**

DANGER! HARMFUL IF SWALLOWED. AFFECTS CENTRAL NERVOUS SYSTEM. MAY AFFECT KIDNEYS. FLAMMABLE LIQUID AND VAPOR. HARMFUL IF INHALED. CAUSES IRRITATION TO SKIN, EYES AND RESPIRATORY TRACT.

Inhalation: Effects are typically those of most hydrocarbons, dizziness and euphoria leading to unconsciousness in severe cases. Vapors also irritate the respiratory tract. Symptoms may include coughing, difficult breathing and chest pain. A central nervous system depressant.

Ingestion: Can be fatal, but ingestion of much small amounts may cause lung edema and possible death because of aspiration into lungs.

Skin Contact: the defatting action of this solvent may lead to soreness, inflammation and, possibly dermatitis.

Eye Contact: Vapors may be irritating at concentrations of 450 ppm and above (15 minutes exposure) and contact with the liquid product can be painful and possibly damaging to eye tissues.

Chronic Exposure: Chronic exposure may lead to central nervous system complications and dermatitis. Animal studies have indicated the potential for liver and kidney damage.

Aggravation of Pre-existing conditions: Persons with pre-existing skin disorders or eye problems or impaired kidney function may be more susceptible to the effects of the product.

H.M.I.S.

Ratings

Health	1
Flammability	2
Reactivity	1
Special	-

Part 4: First Aid Measures

Eye Contact:

Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes holding eyelids open. Get medical attention.

Skin Contact:

In case of contact, immediately flush skin with plenty of water for 15 minutes. Remove contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse. **GHS Category 2**

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention. **GHS Category 4**

Ingestion:

Aspiration hazard: If swallowed, vomiting may occur spontaneously, but DO NOT INDUCE. If vomiting occurs, keep head below hips to prevent aspiration into lungs. Never give anything by mouth to an unconscious person. Get medical attention immediately. **GHS Category 5**

Part 5: Fire Fighting Measures

Flash Point: 119°F / 48°C (CC), EXTREMELY FLAMMABLE LIQUID

Flammability Limits in Air by Volume: LOWER: .09% UPPER 7.0%

Extinguishing Media: Carbon Dioxide, Foam, Alcohol foam, Dry Chemical. Water Fog may be ineffective. Water fog may be used to cool closed containers to prevent pressure buildup.

Special Information: In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode. Water spray may be used to keep fire exposed containers cool.

Explosion: Above flash point, vapor-air mixtures are explosive within flammable limits noted above. Sealed containers may rupture when heated. Sensitive to static discharge.

Part 6: Accidental Release Measures

Steps To Be Taken if Material Is Released Or Spilled:

Ventilate area of leak or spill. Remove all sources of ignition. Wear appropriate personal protective equipment as specified in Section 8. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Contain and recover liquid when possible. Use non-parking tools and equipment. Collect liquid in an appropriate container or absorb with an inert material (e.g., vermiculite, dry sand, earth), and place in a chemical waste container. Do not use combustible materials, such as saw dust. Do not flush to sewer.

Part 7: Handling and Storage

Protect against physical damage. Store in a cool, dry well-ventilated location, away from any area where the fire hazard may be acute. Outside or detached storage is preferred. Separate from incompatibles. Storage and use areas should be No Smoking areas. Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid); observe all warnings and precautions listed for the product.

Part 8: Exposure Control / Personal Protection

Airborne Exposure Limits:

OSHA Permissible Exposure Limit (PEL): 500 ppm (TWA).

ACGIH Threshold Limit Value (TLV): 100 ppm (TWA)

Engineering Controls:

A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits.

Personal Respirators:

Safety eyewear including splashguards or side shields recommended. Protective outerwear. Vapor respirator, NIOSH-approved. Gloves

Personal Protection in Case of a Large Spill:

Splash goggles, full suit. Vapor respirator, NIOSH-approved. Boots. Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product.

Part 9: Physical and Chemical Properties

Physical state and appearance: Viscous Liquid

Odor: Typical paint solvent odor

Specific Gravity: (water =1.0): .9

Solubility in Water: Negligible

pH: N.A.

Boiling Point: 300°F

Vapor Density: Heavier than air

Evaporation Rate: Slower than ether

VOC Emitted (lb/gal): 4.13

Part 10: Stability and Reactivity

Stability:

Stable under recommended storage conditions.

Avoid: Incompatible products

Incompatibilities: Strong acids and Oxidizing materials.

Hazardous Decomposition Byproducts: Carbon dioxide and carbon monoxide may form when heated to decomposition.

Hazardous Polymerization: Will not occur.

Conditions to Avoid: Heat, flames, ignition sources and incompatibles.

Part 11: Toxicological Information

Ingredient	NTP Carcinogen		IARC Category
	Known	Anticipated	
Stoddard Solvent (8052-41-3)	No	No	None
Aluminum Flake (7429-90-5)	No	No	None

Part 12: Ecological Information

Product is a mixture of listed components.

Aromatic hydrocarbon solvents are moderately toxic to freshwater fish, invertebrate and algae.

Part 13: Disposal Consideration

Recover free liquid and transfer to intact disposal container. Dispose of in accordance with all Federal, State and Local Environmental regulations.

Part 14: Transportation Information

Domestic (Land, D.O.T.)

DOT Hazard Classification: CONSUMER COMMODITY ORM-D, 48580 SUB 3

International (Water, I.M.O.)

IMDG:

IMDG PROPER SHIPPING NAME: Petroleum Distillates, N.O.S. Aliphatic Hydrocarbons (Stoddard type)

HAZARD CLASS: 3

PACKING GROUP: III

EMS NO.: 3-07

MFAG TABLE NO.: Not applicable

MARINE POLLUTANT: No

IMDG FLASH POINT: Not available

IMDG LABEL: Flammable Liquid

REMARKS: Not regulated under the Transportation of Dangerous Goods Act when transported by road, rail or a ship on a domestic voyage, in packaging or containers of 450 L or less (waste excluded).

Part 15: Regulatory Information

TSCA – The product on this MSDS, or all of its components, is listed under TSCA.

No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.

Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

Health & Safety Reporting List

None of the chemicals are on the Health & Safety Reporting List.

Chemical Test Rules

None of the chemicals in this product are under a Chemical Test Rule.

Section 12b

None of the chemicals are listed under TSCA Section 12b.

TSCA Significant New Use Rule

None of the chemicals in this material have a SNUR under TSCA.

CERCLA Hazardous Substances and corresponding RQs

None of the chemicals in this material have an RQ.

SARA Section 302 Extremely Hazardous Substances

None of the chemicals in this product have a TPQ.

Part 16: Other Information

Dynaflux, Inc.

241 Brown Farm Rd.

Cartersville, GA 30120 U.S.A.

Disclaimer of Expressed and implied Warranties:

The information presented in this Safety Data Sheet is based on data believed to be accurate as of the date of the Safety Data sheet was prepared. No responsibility is assumed for any damage or injury resulting from abnormal use or from any failure to adhere to recommended practices as specified on the label copy.