

MATERIAL SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: NO MIX LOW VOC BASE COAT **Product Code(s):** LV-(All #'s)

Product Category/Use: Basecoat

Manufacturer:
 Transtar Autobody Technologies
 2040 Heiserman Drive
 Brighton, MI 48114 (USA)
 (810) 220-3007

24 HOUR EMERGENCY PHONE(S):
 USA: 800-424-9300 (CHEMTREC)
 International: 001-703-527-3887 (CHEMTREC INT'L)

SECTION 2: HAZARDS IDENTIFICATION

HMIS Classification

NFPA Rating

Health Hazard: 2* *Indicates chronic health hazard.*
 Flammability: 3
 Physical Hazards: 0

Health Hazard: 2
 Fire: 3
 Reactivity Hazard: 0

Emergency Overview:

OSHA Hazards: Flammable, Toxic

Target Organs: Liver, Kidneys, Lungs, Central Nervous System

Routes of Exposure: Inhalation, Skin Contact, Eye Contact, Ingestion

Potential Health Effects:

Inhalation: Inhalation may cause respiratory tract irritation. High concentrations may cause headache, shortness of breath, nausea, vomity, dizziness, hyperventilation and loss of consciousness.

Skin: May irritate the skin.

Eyes: May irritate the eyes.

Ingestion: May be harmful or fatal if swallowed.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name/CAS No.	Exposure Limits	% wt. Composition
p-Chlorobenzotrifluoride 98-56-6	N/A	30-60%
Acetone 67-64-1	OSHA TWA 1000 ppm (2400 mg/m ³)	30-60%

Titanium Dioxide 13463-67-7	OSHA TWA 15 mg/m ³	30-60%
Propylene glycol monomethyl ether acetate 108-65-6	OSHA TWA 200 ppm	10 - <30%
Diacetone Alcohol 123-42-2	OSHA TWA 50 ppm (240 mg/m ³)	<10%
Naphthalene 91-20-3	OSHA TWA 10 ppm (50 mg/m ³)	<10%
Xylene 1330-20-7	OSHA TWA 100 ppm (435 mg/m ³)	<10%
N-butyl acetate 123-86-4	OSHA TWA 150 ppm (710 mg/m ³)	<10%
Naphtha (petroleum), Hydrotreated heavy 64742-48-9	N/A	<10%
Stoddard Solvent 8052-41-3	OSHA TWA 500 ppm (2900 mg/m ³)	<10%
Aromatic petroleum distillates 64742-95-6	N/A	<10%
Mica 12001-26-2	N/A	<10%
Aluminum Metal Dust 7429-90-5	OSHA TWA 15 mg/m ³ (total) 5 mg/m ³ (respirable)	<10%
Iron Oxide Fume 1309-37-1	OSHA TWA 10 mg/m ³	<10%
Graphite 7782-42-5	OSHA TWA 15 mppcf	<10%
Carbon Black 1333-86-4	OSHA TWA 3.5 mg/m ³	<10%
Amorphous Silica 112926-0-8	OSHA TWA 20 mppcf	<10%

SECTION 4: FIRST AID MEASURES

If inhaled:	Remove person to fresh air. If breathing difficulty or irritation persists, consult a physician.
In case of skin contact:	Wash exposed area thoroughly with soap and water. If redness, irritation, or blistering occurs, consult a physician.
In case of eye contact:	Rinse thoroughly with plenty of water for at least 15 minutes. Consult a physician.
If swallowed:	DO NOT induce vomiting. Consult a physician.

SECTION 5: FIRE-FIGHTING MEASURES

Conditions of flammability:	Flammable in the presence of a source of ignition when the temperature is above the flash point.
Suitable extinguishing media:	Use alcohol resistant foam, dry chemical, or carbon dioxide.
Special protective equipment:	Full equipment including SCBA if necessary.
Unusual fire/explosion hazards:	Vapors can travel to an ignition source and flash back. Closed containers may explode when exposed to extreme heat.
Hazardous combustion products:	Carbon monoxide, carbon dioxide, oxides of nitrogen.
Special procedures:	Runoff can cause environmental damage. Dike and collect water used to fight fire.

SECTION 6: ACCIDENTAL RELEASE

Personal precautions:	Use personal protective equipment. Avoid inhalation of vapours, mists, or dust. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.
Environmental precautions:	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Containment and cleanup:	Contain spillage with absorbent diking and/or absorbant material. Absorb spill with commercially available absorbent material. Dispose of absorbed material in accordance with all local, State, and Federal regulations.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling: Avoid contact with skin and eyes. Avoid inhalation. Use non-sparking tools and explosion proof equipment. Keep away from sources of ignition. Use bonding and grounding to prevent build up of static charge.

Conditions for safe storage: Keep container tightly closed and store in a cool, dry, well-ventilated area.

SECTION 8: EXPOSURE CONTROL AND PPE

Respiratory protection: Where risk assessment shows air-purifying respirators are appropriate, use only NIOSH approved half-mask or full-face respirators with organic vapor (OV)/P100 filter cartridges or organic vapor cartridges with N95 prefilters.

Hand protection: Use appropriate chemical resistant gloves. Avoid skin contact.

Eye protection: Use face shield with safety glasses or chemical splash goggles.

Skin and body protection: Wear impervious clothing. Avoid skin contact.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of the workday.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**Appearance**

Form: Viscous liquid of various colors.
Color: Varies by product number.
Odor: Strong solvent odor.

Safety Data

Boiling Point: 56-168°C (132-334°F)
Flash Point: -18 °C (-0.4°F)
LEL: 1%
UEL: 13%
Vapor Pressure: 24.7 kPa @ 20°C
Vapor Density: Not Available
Evap. Rate: Faster than Butyl acetate.
Specific Gravity: 0.90-1.40
Water Solubility: Not Available

SECTION 10: STABILITY AND REACTIVITY

Chemical stability: Stable under recommended storage conditions.

Possibility of hazardous reactions: Vapors may form explosive mixtures with air.

Conditions to avoid: Heat, flames, and sparks.

Materials to avoid: Strong oxidizing agents, strong reducing agents.

Hazardous decomposition products: Carbon monoxide, carbon dioxide, oxides of nitrogen.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Health Effects:

Ingestion: Can result in headaches, nausea, vomiting and diarrhoea.

Eye: Will cause discomfort and may cause redness, itching or blurred vision.

Skin: May cause skin irritation.

Inhaled: Vapor concentrations above exposure limits may be irritating to the eyes and respiratory tract.
May cause headaches and dizziness. Prolonged exposure may cause unconsciousness.

Chronic Health Effects:

Ingestion: May cause irritation to mucous membranes. May result in damage to liver, kidneys, and CNS.

Eye: May cause redness, tearing or blurred vision.

Skin: May cause dermatitis and eczema

Inhaled: May cause irritation to mucous membranes. May result in damage to liver, kidneys, and CNS.

SECTION 12: ECOLOGICAL INFORMATION

This mixture has not been evaluated for ecological effects.

SECTION 13: DISPOSAL CONSIDERATIONS

This product is subject to hazardous waste generation, storage, treatment, and disposal regulations. Contact a licensed professional waste disposal service to dispose of this material.

SECTION 14: TRANSPORTATION INFORMATION

UN Number: 1263

Shipping Name: Paint

Packing Group: II

DG Class: 3

Other: For inner packagings not exceeding 5L each packaged in a strong
outer box: Consumer Commodity ORM-D

SECTION 15: REGULATORY INFORMATION

California Prop. 65 WARNING:

This product contains components known by the state of California to cause cancer, birth defects or other reproductive harm.

WHMIS: B2, D2A

SECTION 16: OTHER INFORMATION

The information contained in this material safety data sheet is believed to be correct, but is not intended to be all inclusive and should be used only as a guide. The information is based on current state of knowledge and is applicable to the product in accordance with appropriate safety precautions. It does not represent any guarantee of the properties of the product. Transtar Autobody Technologies, Inc. shall not be held liable for any damage resulting from handling or from contact with the above product.

For professional use only. Keep away from children and animals.