

MATERIAL SAFETY DATA SHEET

Revision 1
Prepared 2012-06-28

Section 1 - Product and Company Identification

Product Name: MOTOR CITY ACTIVATOR - SLOW Product Code: 8014

Manufacturer/Supplier:
TRANSTAR AUTOBODY TECHNOLOGIES
2040 Heiserman Dr.
Brighton, MI, 48114, USA

24 Hour Emergency Phone(s):
USA 800-424-9300 (CHEMTREC)
International 001-703-527-3887 (CHEMTREC Int'l)

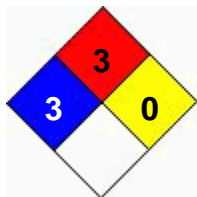
Business Phone: 810-220-3000
MSDS Prepared By: Transtar Autobody Technologies

Section 2 - Composition

<u>Chemical Name / CAS No</u>	<u>OSHA Exposure Limits</u>	<u>ACGIH Exposure Limits</u>	<u>Other Exposure Limits</u>
Homopolymer of HDI 28182-81-2 30 to 40% Vapor Pressure: 0	Not Available	Not Available	
Methyl n-Amyl Ketone 110-43-0 20 to 30% Vapor Pressure: 0	100 ppm (465 mg/m3) TWA	50 ppm (233 mg/m3) TWA	
Homopolymer of IPDI 53880-05-0 10 to 20% Vapor Pressure: 36.7 45.0 mm/Hg	Not Available	Not Available	
Aromatic petroleum distillates 64742-95-6 5 to 10% Vapor Pressure: 2.6 mmHg	Not Established	Not established	
n-Butyl Acetate 123-86-4 1 to 5% Vapor Pressure: 11.5 mmHg	150 ppm (710 mg/m3) TWA	150 ppm (710 mg/m3) TWA	
Chlorobenzotrifluoride 98-56-6 1 to 5% Vapor Pressure: 5.3 20 C	Not Established	Not Established	

Section 3 - Hazard Identification

Note: HMIS ratings involve data and interpretations that may vary from company to company. They are intended only for rapid, general identification of the magnitude of the specific hazard. To deal adequately with the safe handling of this material, all the information contained in this MSDS must be considered.



HMIS Rating: 3* - 3 - 0

Routes of Entry

Inhalation

Skin Contact

Eye Contact

Ingestion

Target Organs

Blood Eyes

Kidneys

Liver

Lungs

Nervous System

Skin

Other

ACUTE:

INHALATION - Dizziness, breathing difficulty, headaches, & loss of coordination.

EYE CONTACT - Moderate irritation, tearing, redness, and blurred vision.

SKIN CONTACT - Moderate irritant. Can dry and defat skin causing cracks, irritation, and dermatitis.

INGESTION - Can cause gastrointestinal irritation, vomiting, nausea, & diarrhea.

Effects of Overexposure, MOTOR CITY ACTIVATOR - SLOW:

Short Term Exposure

Causes local irritation to skin, eyes and mucous membranes. May cause irritation by any route of exposure. The LD50 rat is 13 gm/kg (13,000 mg/kg) (insignificantly toxic). Methyl n-amyyl ketone can affect you when breathed in and by passing through your skin. Irritates the eyes and the respiratory tract. May affect the central nervous system. Breathing the vapor can cause dizziness and lightheadedness, and can make you pass out. The substance irritates the eyes, skin, and respiratory tract. High exposures, above the occupational exposure levels, can cause weakness, headache, and drowsiness and may cause unconsciousness.

Long Term Exposure

There is evidence that this chemical is a mutagen. Causes skin irritation with cracking and drying; destroys the skin's natural oils. May cause liver and kidney damage. May affect the nervous system. n-Butyl acetate may cause skin allergy. n-Butyl acetate has been shown to damage the developing fetus in animals. Prolonged and repeated exposure to butyl acetates can cause defatting, drying and cracking of the skin. Although many solvents and petroleum based products cause lung, brain and nerve damage, these chemicals have not been adequately evaluated to determine these effects.

Section 4 - First Aid Measures

Seek professional medical attention for all over-exposures and/or persistent problems.

INHALATION: Remove person from area to fresh air. If breathing difficulty persists, seek medical attention.

EYE CONTACT: Flush eyes with clean water for a minimum of 15 minutes. Seek medical attention.

SKIN CONTACT: Wash exposed area thoroughly with soap and water.

INGESTION: DO NOT INDUCE VOMITTING. Seek immediate medical attention.

Section 5 - Fire Fighting Measures

Flash Point: 22 C (72 F)

LEL: 1.0 %

UEL: 7.9 %

Extinguishing Media: Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog, Other.

Unusual Fire and Explosion Hazards: Vapors can travel to a source of ignition and flash back. Closed containers may explode when exposed to extreme heat or burst when contaminated with water (CO2 gas evolved). Hazards apply to empty containers. Combustion generates toxic fumes.

Hazardous Combustion Products: Carbon monoxide, carbon dioxide, oxides of nitrogen.

Special Firefighting Procedures: Highly toxic fumes may be generated by thermal decomposition. Water runoff from firefighting can cause environmental damage. Dike and collect water used to fight fire.

Fire Equipment: Full fire fighter equipment including SCBA should be worn to avoid skin contact and inhalation of concentrated vapors. Minimize skin exposure.

Section 6 - Accidental Release Measures

Eliminate all sources of ignition, provide adequate ventilation, dike spill area and add absorbent to spilled liquid. Sweep up and dispose of in appropriate containers in accordance with Federal, State and/or Local regulations. For large spills or transportation accidents involving release of this product, contact the National Response Center: 800-424-9300.

Section 7 - Handling and Storage

Safe Handling Measures: Use non-sparking tools and explosion proof equipment when handling this material. Avoid hot surfaces. Use in cool, well-ventilated areas. Keep containers closed when not in use. Keep away from excessive heat and open flames. Follow all MSDS/label precautions even after container is emptied because they may retain product residues.

Storage Requirements: Store in a cool area away from heat and flames. Do not reuse container when empty.

Section 8 - Exposure Control and PPE

Engineering Controls: General mechanical ventilation or local exhaust should be utilized to keep vapor concentrations below exposure limits (PEL & TLV). Ventilation equipment must be explosion proof.

Safe Work Practices: Eye washes and safety showers in the workplace are recommended. Avoid contact with skin and eyes. Avoid breathing vapors. Wash hands thoroughly after using and before eating, drinking or smoking. Employee education and training in the safe use and handling of this product is required under the OSHA Hazard Communication Standard 29CFR1200. Smoking in area where this material is used should be strictly prohibited. Always use protective clothing and equipment. Remove all contaminated clothing and wash thoroughly when finished working. Keep food and drink away from material and from area where material is being used.

Respiratory Protection: When working with this material use a MSHA/NIOSH approved cartridge respirator or suitable respiratory protection to keep airborne mists and vapor concentrations below the PEL & TLV limits. When using in poorly ventilated and confined spaces, use a fresh-air supplying respirator or a self-contained breathing apparatus.

Eye Protection: Use safety glasses with chemical splash goggles or faceshield.

Skin Protection: Use chemical resistant gloves.

Section 9 - Physical and Chemical Properties

Appearance	Clear, colorless
Odor	Organic solvent
Physical State	Liquid
Vapor Density	Heavier than air
Vapor Density	3.54
Vapor Pressure	8.1 20 C
Boiling Range	98 to 194 °C
Weight Percent Volatile	46.20
Specific Gravity (SG)	1.000
Regulatory Coating VOC lb/ga	3.63
Regulatory Coating VOC g/L	435
Actual Coating VOC lb/Gal	3.52
Actual Coating VOC g/L	422

Section 10 - Stability and Reactivity

Incompatible with:

Strong oxidizing agents
Strong bases
Strong oxidizers
Carbon Monoxide, Carbon Dioxide

Hazardous products produced under decomposition:

Carbon Monoxide, Carbon Dioxide
Oxides of nitrogen, hydrogen cyanide

Section 11 - Toxicological Information

This material has not been tested for toxicological effects.

Section 12 - Ecological Information

This material has not been tested for ecological effects.

Section 13 - Disposal Considerations

Subject to hazardous waste generation, treatment, storage and disposal. Product should be disposed of in accordance with all governmental regulations. Subject to hazardous waste generation, treatment, storage and disposal under RCRA, 40CFR261. Product should be disposed of in accordance with all Federal, State and local regulations.

Section 14 - Transportation Information

The following transportation information is provided based on Transtar Autobody Technologies interpretation of shipping regulations. Each shipper is responsible for identifying, naming, marking and labeling prior to offering for transport.

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>HazardClass</u>
USDOT	Paint Limited Quantity	UN1263	II	3
IATA	Paint	UN1263	II	3
IMDG	Paint	UN1263	II	3

Section 15 - Regulatory Information

The information listed in this section is not all inclusive of all regulations for this product or the chemical components of this product.

California Proposition 65

WARNING: This product contains chemical(s) known to the State of California to cause birth defects or other reproductive harm.

- None

California Proposition 65

WARNING: This product contains chemical(s) known to the State of California to cause cancer.

- None

The following are not listed under TSCA or do not meet the reporting/listing requirements under TSCA

- None

The following are reportable under SARA

64742-95-6 Aromatic petroleum distillates 5 - 10%

Section 16 - Other Information

To the best of our knowledge, the information contained herein is accurate, obtained from sources believed by Transtar Autobody Technologies to be accurate. As with all chemicals, KEEP AWAY FROM CHILDREN AND ANIMALS. FOR PROFESSIONAL USE ONLY. The hazard information contained herein is offered solely for the consideration of the user, subject to his own investigation and verification of compliance with applicable regulations, including the safe use of the product under every foreseeable condition.