

YALE AUTOMOTIVE
SAFETY DATA SHEET
MUFFLER CEMENT

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**1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE
COMPANY/UNDERTAKING**

Yale Automotive
361 Keyes Avenue
P.O. Box 550
Hampshire, Illinois 60140

24 HOUR EMERGENCY TELEPHONE:
1-800-424-9300

TO REQUEST AN SDS:
CALL CUSTOMER SERVICE: 1-847-683-3388
or info@cpillinois.com

DATE PREPARED: June 1, 2015

PRODUCT NAME: MUFFLER MENDER
EXHAUST SYSTEM REPAIR CEMENT
GENERAL OR GENERIC ID: MUFFLER CEMENT

THIS SDS COMPLIES WITH 29 CFR 1910.1200 (THE HAZARD COMMUNICATION STANDARDS)

2. HAZARDS IDENTIFICATION

OSHA REGULATORY STATUS: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

EMERGENCY OVERVIEW

Color:	Colorless to slight tint
Physical state	Liquid
Appearance:	Clear to opaque
Odor:	Odorless to slight odor

Signal Word: **WARNING**

MAJOR HEALTH HAZARDS: CAUSES SERIOUS EYE IRRITATION. CAUSES SKIN IRRITATION. HARMFUL IF SWALLOWED.

PHYSICAL HAZARDS: Upon drying forms thin glass that can cut skin. Spilled material may cause slipping hazard.

PRECAUTIONARY STATEMENTS: Wear protective gloves, protective clothing, eye, and face protection as appropriate. Wash thoroughly after handling. Do not drink, or smoke when using this product.

ADDITIONAL HAZARD INFORMATION: Toxicity may be delayed, and may not be readily visible. Significant exposures must be referred for medical attention immediately. There is no specific antidote.

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GHS CLASSIFICATION:

GHS: CONTACT HAZARD - SKIN:	Category 2 - Causes skin irritation.
GHS: CONTACT HAZARD - EYE:	Category 2A - Causes serious eye irritation
GHS: ACUTE TOXICITY - INHALATION:	No data available Not classified
GHS: ACUTE TOXICITY - ORAL:	Category 4 - Harmful if swallowed.
GHS: ACUTE TOXICITY - DERMAL:	Not classified as acutely toxic for dermal exposure.
GHS: CARCINOGENICITY	Not classified as a carcinogen per GHS criteria. This product is not classified as a carcinogen by NTP, IARC, or OSHA.

UNKNOWN ACUTE TOXICITY:

Not applicable. This product was tested as a whole. This information only pertains to untested mixtures.

GHS SYMBOL:

Exclamation mark



GHS SIGNAL WORD: WARNING

GHS - Health Hazard Statement(s)

Causes serious eye irritation

Causes skin irritation

Harmful if swallowed

GHS HAZARD STATEMENTS:

GHS - Precautionary Statement(s) - Prevention

Wear eye protection/face protection

Wear protective gloves

Wash thoroughly after handling

Do not eat, drink or smoke when using this product

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GHS- Precautionary Statement(s) - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing

If eye irritation persists: Get medical advice/attention

IF ON SKIN: Wash with plenty of water

If skin irritation occurs: Get medical advice/attention

Take off contaminated clothing and wash it before reuse

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

Rinse mouth

Specific treatment (see First Aid information on product label and/or Section 4 of the SDS)

GHS - Precautionary Statement(s) - Storage

There are no Precautionary-Storage phrases assigned

GHS - Precautionary Statement(s) - Disposal

Dispose of contents and container in accordance with applicable local, regional, national, and/or international regulations.

Hazards Not Otherwise Classified (HNOC)

None identified

See Section 11: TOXICOLOGICAL INFORMATION

3. COMPOSITION/INFORMATION ON INGREDIENTS

IF PRESENT, IARC, NTP AND OSHA CARCINOGENS, AND CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SARA TITLE III SECTION 313 ARE IDENTIFIED IN THIS SECTION. SEE DEFINITION PAGE FOR CLARIFICATION

INGREDIENT	% (BY WT)	PEL	TLV	NOTE (1)
SODIUM SILICATE CAS #: 1344-09-8	55 - 60			
WATER CAS #7732-18-5	5 - 5			
KAOLIN (ALUMINUM SILICATE) CAS #1332-58-7	40 - 35			

NOTES:

(1) PEL/TLV NOT ESTABLISHED FOR THIS MATERIAL

4. FIRST AID MEASURES

IF ON SKIN: IMMEDIATELY FLUSH WITH WATER FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHING BEFORE RE-USE.

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IF IN EYES: IMMEDIATELY FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES, LIFTING UPPER AND LOWER LIDS OCCASIONALLY. GET IMMEDIATE MEDICAL ATTENTION.

IF SWALLOWED: DO NOT INDUCE VOMITING. IMMEDIATELY DRINK TWO GLASSES OF WATER. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. CALL PHYSICIAN OR TRANSPORT TO AN EMERGENCY FACILITY.

5. FIRE-FIGHTING MEASURES

FLASH POINT: NOT APPLICABLE

EXPLOSION LIMIT: NOT APPLICABLE

EXTINGUISHING MEDIA: NOT APPLICABLE

HAZARDOUS DECOMPOSITION PRODUCTS: NOT APPLICABLE

FIREFIGHTING PRODEDURES: WEAR SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE DEMAND MODE WHEN FIGHTING FIRES.

SPECIAL FIRE & EXPLOSION HAZARDS: NOT APPLICABLE

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: ABSORB WITH VERMICULITE, FLOOR ABSORBENT OR OTHER ABSORBENT MATERIAL.

LARGE SPILL: SPILLS OF THIS MATERIAL ARE VERY SLIPPERY. PERSONS NOT WEARING PROTECTIVE EQUIPMENT SHOULD BE EXCLUDED FROM AREA OF SPILL UNTIL CLEAN-UP HAS BEEN COMPLETED. STOP SPILL AT SOURCE, DIKE AREA OF SPILL TO PREVENT SPREADING, PUMP LIQUID TO SALVAGE TANK. REMAINING LIQUID MAY BE TAKEN UP ON SAND, CLAY, EARTH, FLOOR ABSORBENT, OR OTHER ABSORBENT MATERIAL AND SHOVELED INTO CONTAINERS.

WASTE DISPOSAL METHOD:

SMALL SPILL: DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.

LARGE SPILL: DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.

7. HANDLING AND STORAGE

HANDLING: USE APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT AS SPECIFIED IN SECTION 8. HANDLE IN A WELL VENTILATED AREA.

STORAGE: STORE IN A COVERED IN COOL, DRY PLACE. AVOID ELEVATED TEMPERATURES

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

EXPOSURE GUIDELINES: NO OCCUPATIONAL EXPOSURE LIMITS ESTABLISHED.

PERSONAL PROTECTIVE EQUIPMENT:

EYES AND FACE: WEAR SAFETY GLASSES.

SKIN: WEAR RESISTANT GLOVES SUCH AS NATURAL RUBBER.
WEAR IMPERVIOUS CLOTHES AND BOOTS.

RESPIRATORY: NOT REQUIRED UNDER NORMAL CONDITIONS OF USE.

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: 230.00 DEG. F (110 DEG. C @ 760.00 MM Hg)

VAPOR PRESSURE: 24.00 MM Hg @ 77.00 DEG. F (25.00 DEG. C)

SPECIFIC VAPOR DENSITY: AIR = 1 0.6

SPECIFIC GRAVITY: 1.60 - 1.69 @ 60 DEG. F

PERCENT VOLATILE: 30 - 35%

EVAPORATION RATE: SLOWER THAN ETHER

pH: 11.3

APPEARANCE: THICK, VISCOUS PASTE

STATE: PASTE

FORM: HOMOG SOLN

10. STABILITY AND REACTIVITY

HAZARDOUS POLYMERIZATION: CANNOT OCCUR

STABILITY: STABLE

INCOMPATIBILITY: NONE

11. TOXICOLOGICAL INFORMATION

TOXICITY DATA: 1.0-2.2 gm/kg oral-rat LD50

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IRRITATION DATA: DRAIZE EYE (pH/WEIGHT RATIO OF SiO₂/Na₂O): 11.6/2.54 IRRITANT; 11.6/2.4 IRRITANT; 12.2/2.0 CORROSIVE; 12.4/1.8 CORROSIVE

LOCAL EFFECTS: IRRITANT: SKIN, EYE

ACUTE TOXICITY LEVEL: MODERATELY TOXIC: INGESTION

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:
SKIN DISORDERS, AND ALLERGIES

SKIN CONTACT:

ACUTE EXPOSURE: DIRECT SKIN CONTACT MAY CAUSE IRRITATION.

CHRONIC EXPOSURE: REPEATED OR PROLONGED CONTACT MAY RESULT IN DERMATITIS.

EYE CONTACT:

ACUTE EXPOSURE: DIRECT CONTACT MAY CAUSE SEVERE IRRITATION, PAIN, AND CORNEAL BURNS (POSSIBLY LEADING TO BLINDNESS). THE FULL EXTENT OF THE INJURY MAY NOT BE IMMEDIATELY APPARENT.

CHRONIC EXPOSURE: EFFECTS DEPEND ON CONCENTRATION AND DURATION OF EXPOSURE. REPEATED OR PROLONGED CONTACT MAY RESULT IN CONJUNCTIVITIS.

INGESTION:

ACUTE EXPOSURE: MAY CAUSE IRRITATION OF THE ESOPHAGUS AND GASTROINTESTINAL TRACT.

CHRONIC EXPOSURE: REPEATED OR PROLONGED INGESTION MAY RESULT IN CHRONIC IRRITATION AND POSSIBLE ULCERS.

12. ECOLOGICAL INFORMATION

ECOTOXICITY DATA:

FISH TOXICITY: THIS MATERIAL IS BELIEVED TO BE NON-TOXIC TO AQUATIC LIFE.

FATE AND TRANSPORT:

BIODEGRADATION: THIS MATERIAL IS INORGANIC AND NOT SUBJECT TO BIODEGRADATION.

PERSISTENCE: THIS MATERIAL IS BELIEVED TO PERSIST IN THE ENVIRONMENT.

BIOCONCENTRATION: THIS MATERIAL IS BELIEVED NOT TO BIOACCUMULATE.

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13. DISPOSAL CONSIDERATIONS

CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED, SINCE EMPTY CONTAINERS RETAIN PRODUCT RESIDUES (VAPOR, LIQUID, AND/OR SOLID). ALL HAZARD PRECAUTIONS GIVEN IN THE DATA SHEET MUST BE OBSERVED.

14. TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION: NOT REGULATED

CANADIAN TRANSPORTATION OF DANGEROUS GOODS: NOT REGULATED

15. REGULATORY INFORMATION

U.S. REGULATIONS:

CERCLA SECTIONS 102a/103 HAZARDOUS SUBSTANCES (40 CFR 302.4): NOT REGULATED

SARA TITLE III SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355.30): NOT REGULATED

SARA TITLE III SECTIONS 311/312 HAZARDOUS CATEGORIES (40 CFR 370.21):

ACUTE: YES
CHRONIC: YES
FIRE: NO
REACTIVE: NO
SUDDEN RELEASE: NO

SARA TITLE III SECTION 313 (40 CFR 372.65): NOT REGULATED

OSHA PROCESS SAFETY (29CFR1910.119): NOT REGULATED

FDA: SODIUM SILICATES HAVE GENERALLY RECOGNIZED AS SAFE (GRAS) STATUS UNDER SPECIFIC FDA REGULATIONS. REFER TO THE CODE OF FEDERAL REGISTER 21 CFR 173, 175, 176, 177, 182 AND 184, WHICH IS ACCESSIBLE ON THE FDA'S WEBSITE.

STATE REGULATIONS:

CALIFORNIA PROPOSITION 65: THIS PRODUCT IS NOT LISTED, BUT IT MAY CONTAIN CONTAMINANTS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER OR REPRODUCTIVE TOXICITY AS LISTED UNDER PROPOSITION 65 STATE DRINKING WATER TOXIC ENFORCEMENT ACT.

CANADIAN REGULATIONS:

CONTROLLED PRODUCTS REGULATIONS (CPR): THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE CRITERIA OF THE CONTROLLED PRODUCTS REGULATIONS (CPR) AND THE MSDS CONTAINS ALL OF THE INFORMATION REQUIRED BY THE CPR.

WHMIS CLASSIFICATION: D2B

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NATIONAL INVENTORY STATUS:

U.S. INVENTORY (TSCA): ALL THE COMPONENTS OF THIS SUBSTANCE ARE LISTED ON OR ARE EXEMPT FROM THE INVENTORY.

TSCA 12(b) EXPORT NOTIFICATION: NOT LISTED

16. OTHER INFORMATION

APPROVED BY: GREGORY NORUSIS

TITLE: V/P OPERATIONS

PREPARED BY: YALE AUTOMOTIVE

INFORMATION CONTACT: GREGORY NORUSIS

REVISION SUMMARY: THIS SDS REPLACES THE JUNE 1, 2012 MSDS.

THE INFORMATION ACCUMULATED HEREIN IS BELIEVED TO BE ACCURATE, BUT IS NOT WARRANTED TO BE WHETHER ORIGINATING WITH THE COMPANY OR NOT. RECIPIENTS ARE ADVISED TO CONFIRM IN ADVANCE OF NEED THAT THE INFORMATION IS CURRENT, APPLICABLE, AND SUITABLE TO THEIR CIRCUMSTANCES.