

MSDS

SECTION 1 – Chemical Product and Company Identification

U S CHEMICAL & PLASTICS
An Alco Industries Company
600 Nova Drive SE
Massillon, OH 44646
PH 330-830-6000 - FAX 330-830-6005

For Chemical Emergency:
CHEMTREC: 1-800-424-9300

PRODUCT NAME: Flexible Textured Bumper & Trim Coater
PRODUCT CODE: (999250), 206-4, 206-5, 206-55
SYNONYM/CROSS REFERENCE: N/Av
SCHEDULE B NUMBER: 3208.20.0000

SECTION 2 – Hazard Identification

OVEREXPOSURE EFFECTS:

ACUTE EFFECTS:

EYES: Contact with eyes can cause irritation, redness, tearing, blurred vision, and/or swelling.

SKIN: Contact with skin can cause irritation, (minor itching, burning and/or redness), dermatitis, defatting may be readily absorbed through the skin.

INHALATION: Inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache, possible unconsciousness and/or asphyxiation. Aspiration of material into lungs may result in chemical pneumonitis which can be fatal. May be toxic.

INGESTION: Ingestion can cause gastrointestinal irritation, nausea, vomiting, diarrhea.

PRIMARY ROUTES OF EXPOSURE: Inhalation, skin contact

SECTION 3 – Composition, Information or Ingredients

<u>INGREDIENTS</u>	<u>WGT%</u>	<u>CAS #</u>
Proprietary Synthetic Resin	10-20%	N/AV
Methyl Ethyl Ketone	10-15%	78-93-3
1-Methoxy-2-Propanol Acetate	1-10%	108-65-6
Toluene	40-45%	108-88-3
Methylene Chloride	5-10%	75-09-2
Silicon Dioxide	1-5%	7631-86-9
Carbon Black	1-5%	1333-86-4

SECTION 4 – First Aid Measures

INHALATION: If inhaled, remove victim from exposure to a well-ventilated area. Make them comfortably warm, but not hot. Use oxygen or artificial respiration as required. Consult a physician.

SKIN: For skin contact, wash promptly with soap and excess water. Consult a physician.

EYES: For eye contact, flush promptly with excess water for at least fifteen minutes. Consult a physician.

INGESTION: If ingested, do not induce vomiting. Call a physician immediately.

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SECTION 5 – Fire-Fighting Measures

FIRE EXTINGUISHING MEDIA: Carbon Dioxide, Dry Chemical, Foam

SPECIAL FIRE FIGHTING PROCEDURES: Fight like a fuel oil fire. Cool fire exposed containers with water spray. Firefighter should wear OSHA/NIOSH approved self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARD: (Conditions of Flammability) Flammable. Closed containers exposed to high temperatures, such as fire conditions, may rupture.

SECTION 6 – Accidental Release Measures

SPILLS, LEAK OR RELEASE: Ventilate area. Remove all possible sources of ignition. Avoid prolonged breathing of vapor. Contain spill with inert absorbent.

SECTION 7 – Handling and Storage

STORAGE AND HANDLING: Use with adequate ventilation. Harmful or fatal if swallowed. Extremely flammable. Avoid contact with eyes and skin. Avoid breathing vapors. Do not store the product above 100°F/38°C. Do not flame, cut, braze weld or melt empty containers. Keep the product away from heat, open flame, and other sources of ignition. Avoid contact with strong acids, alkalis, and oxidizers.

SECTION 8 – Exposure Controls and Personal Protection

<u>INGREDIENTS</u>	<u>CAS NO</u>	<u>TLV/PEL</u>
Proprietary Synthetic Resin	N/AV	N/E
Methyl Ethyl Ketone	78-93-3	PEL: 200 ppm
1-Methoxy-2-Propanol Acetate	108-65-6	N/E
Toluene	108-88-3	PEL: 100 ppm TLV 50 ppm
Methylene Chloride	75-09-2	PEL: 100 ppm
Silicon Dioxide	7631-86-9	TLV: 3 mg/m ³
Carbon Black	1333-86-4	TLV: 3 mg/m ³

RESPIRATORY PROTECTION: If component exposure limits are exceeded, use NIOSH/MSHA approved air purifying or fresh air supplied respirator to remove vapors. Use an air-supplied respirator if necessary.

VENTILATION: Use adequate ventilation in volume and pattern to keep TLV/PEL below recommended levels. Explosion-proof ventilation may be necessary.

PROTECTIVE GLOVES: To prevent prolonged exposure use rubber gloves; solvents may be absorbed through the skin.

EYE PROTECTION: Safety Glasses or goggles with splash guards or side shields.

OTHER PROTECTIVE EQUIPMENT: Wear protective clothing as required to prevent skin contact.

SECTION 9 – Physical and Chemical Properties

FLASH POINT: 43°F/6.11°C Seta Flash Closed cup

LOWER FLAMMABLE LIMIT %: N/E

UPPER FLAMMABLE LIMIT %: N/E

APPEARANCE: Black thick liquid

SPECIFIC GRAVITY: 0.98

VAPOR PRESSURE (mmHG): N/Av

BOILING POINT: N/Av

VAPOR DENSITY: Heavier than air

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EVAPORATION RATE (Ethyl Ether = 1): Slower than Ethyl Ether

VOLATILES BY WEIGHT: Approximately 73%

SOLUBILITY IN WATER: Insoluble

VOC (less water & exempts): 670 Grams/liter, 5.6 pounds/gallon

SECTION 10 – Stability and Reactivity

STABILITY: Stable

CONDITIONS TO AVOID: Open flames, sparks, heat, electrical and static discharge.

INCOMPATIBILITY MATERIALS TO AVOID: Strong acids, alkalis, oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Dioxide, Carbon Monoxide, and Carbon.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 11 – Toxicological Information

CHRONIC EFFECTS:

Overexposure to this material has apparently been known to cause the following effects in lab animals: Anemia, liver abnormalities, kidney, eye, cardiac, lung, brain damage.

CARCINOGEN: YES X NO

TERATOGEN: YES X NO

MUTAGEN: YES NO X

Toluene and Methyl Ethyl Ketone have caused fetotoxic/embryotoxic effects in lab animals. Methylene Chloride has been shown to cause cancer in lab animals.

SECTION 12 – Ecological Information

N/E

SECTION 13 – Disposal Considerations

WASTE DISPOSAL: Dispose of in accordance with local, state, and federal regulations.

SECTION 14 – Transport Information

For Ground Transport: In USA

Consumer Commodity ORM-D or Limited Quantity in cases with inner containers 5 liters or less.

For Air Transport:

Must be re-boxed to UN specified packaging.

UN1263, Paint, 3, PG II

Packing Instruction 353, 364

For Ocean Transport:

With inner containers of 5L or less:

UN1263, Paint, 3, PG II, F/P 7C

EMS # F-E, S-E

In limited quantity

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SECTION 15 – Regulatory Information

CALIFORNIA PROPOSITION 65:

This product contains chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

SECTION 313 SUPPLIER NOTIFICATION:

This product contains the following toxic chemicals subject to the reporting requirements of the Emergency Planning and Community Right-To-Know Act of 1986 and 40 CFR 372:

<u>CHEMICAL NAME</u>	<u>CAS</u>	<u>% BY WGT</u>
Toluene	108-88-3	40-50%
Methyl Ethyl Ketone	78-93-3	5-10%
Methylene Chloride	75-09-2	5-10%

This information must be included in all MSDS that are copied and distributed for this chemical.

DO NOT FLAME CUT, WELD OR MELT EMPTY CONTAINERS.

SECTION 16 – Other Information

HMIS RATING:	Health	1	4 = Extreme
	Fire	3	3 = High
	Reactivity	1	2 = Moderate
			1 = Slight
			0 = Insignificant

Personal Protection - See Section VIII

ABBREVIATIONS

IARC	= International Agency for Research on Cancer
ACGIH	= American Conference of Governmental Industrial Hygienists
NIOSH	= National Institute of Occupational Safety and Health
TLV	= Threshold Limit Value
PEL	= Permissible Emission Level
DOT	= Department of Transportation
NTP	= National Toxicology Program
N/AV	= Not Available
N/AP	= Not Applicable
N/E	= Not Established
N/D	= Not Determined

MSDS

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REVISION: Section 14, New Format

The information in the Material Safety Data Sheet has been compiled from our experience and from data presented in various technical publications. It is the user's responsibility to determine the suitability of this information for the adoption of the safety precautions as may be necessary. We reserve the right to revise Material Safety Data Sheets from time to time as new technical information becomes available. The user has the responsibility to contact the Company to make sure that the MSDS is the latest one issued.