

# 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  
CANUTEC: 1-613-996-6666  
(For Canada call collect)

**PRODUCT NAME:** Acrylic Urethane Primer Surfacer - Gray  
**PRODUCT CODE:** (999585), 2620-1, 2620-4  
**SYNONYM/CROSS REFERENCE:** N/Av  
**SCHEDULE B NUMBER:** 3208-20-0000-0

## 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, eyes

## SECTION 3 – Composition, Information or Ingredients

<u>INGREDIENTS</u>	<u>WGT%</u>	<u>CAS #</u>
n-Butyl Acetate	20-30%	123-96-4
PM Acetate	1-5%	108-65-6
Xylene	1-10%	1330-20-7
Titanium Dioxide	5-10%	13463-67-7
Crystalline Silica	1-5%	14808-60-7
Talc	15-25%	14800-96-6
Ethanol	1-5%	64-17-5
Barium Sulfate	1-5%	7727-43-7
Hydrocarbon Solvent	1-5%	64742-89-8
Ethyl benzene	1-5%	100-41-4

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## **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.

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

**INGESTION:** If ingested, do not induce vomiting. Give victim a glass of water. Call a physician immediately.

## **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:** 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. 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**

INGREDIENTS	CAS NO	TLV/PEL
n-Butyl Acetate	123-96-4	TLV: 150 ppm; STEL: 200 ppm
PM Acetate	108-65-6	N/E
Xylene	1330-20-7	TLV: 100 ppm; STEL: 150 ppm
Titanium Dioxide	13463-67-7	TLV: 15 mg/m <sup>3</sup> ; PEL: 10 mg/m <sup>3</sup>
Crystalline Silica	14808-60-7	TLV: 0.1 mg/m <sup>3</sup> , PEL: 0.1 mg/m <sup>3</sup>
Talc	14800-96-6	TLV: 2 mg/m <sup>3</sup>
Ethanol	64-17-5	TLV: 1000 ppm, PEL: 1000 ppm
Barium Sulfate	7727-43-7	TLV: 10 mg/m <sup>3</sup>
Hydrocarbon Solvent	64742-89-8	TLV: 300 ppm
Ethyl benzene	100-41-4	TLV: 100 ppm

**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.

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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: 78°F/26°C Seta Flash Closed cup

LOWER FLAMMABLE LIMIT %: N/E

UPPER FLAMMABLE LIMIT %: N/E

APPEARANCE: Light gray, viscous liquid – solvent odor

SPECIFIC GRAVITY: 1.28

VAPOR PRESSURE (mmHG): N/E

BOILING POINT: N/E

VAPOR DENSITY: Heavier than air

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

VOLATILES BY WEIGHT: Approx. 35%

SOLUBILITY IN WATER: Slight

VOC (less water & exempts): 570 g/l 4.8 lbs/gal

## **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, and central nervous system damage.

CARCINOGEN: YES \_\_\_ NO

TERATOGEN: YES \_\_\_ NO

MUTAGEN: YES \_\_\_ NO

### **CRYSTALLINE SILICA/IARC**

This product contains Crystalline Silica (CS), which is considered a hazard by inhalation. CS is a known cause of silicosis, a non-cancerous lung disease. In 1997, IARC reclassified CS in the form of quartz from a group 2A - “probable human carcinogen” to a group 1 “known human carcinogen”. In 1991, NTP concluded that CS may reasonably be anticipated to be a carcinogen, based on sufficient evidence in experimental animals and limited evidence in humans. OSHA does not regulate CS as a carcinogen.

## **SECTION 12 – Ecological Information**

N/E

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## **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 in cases with inner containers 1 gallon or less.

### **For Air Transport:**

Must be re-boxed to UN specified packaging.

UN1263, Paint, 3, PG III

Packing Instruction 309, 310

### **For Ocean Transport:**

With inner containers of 5L or less:

UN1263, Paint, 3, PG III, F/P 26C

EMS # F-E, S-E

In limited quantity

## **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>
Xylene	1330-20-8	1-10%
Ethyl Benzene	100-41-4	1-5%

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.**

