

MATERIAL SAFETY DATA SHEET: ASC 21

FIRE EXTINGUISHING MATERIALS: As appropriate for surrounding fire. Carbon dioxide, foam, dry chemical, halon, or water spray.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

This product is non-flammable, however dried product can burn.

Explosion Sensitivity to Mechanical Impact: Not Sensitive.

Explosion Sensitivity to Static Discharge: Not Sensitive.

SPECIAL FIRE-FIGHTING PROCEDURES:

Incipient fire responders should wear eye protection Structural firefighters must wear Self-Contained Breathing Apparatus and full protective equipment. Isolate materials not yet involved in the fire and Protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent runoff water from storm drains, bodies of water, or other environmentally sensitive areas.

===== **Section 6 - Accidental Release Measures** =====

Spill or Release

Remove all sources of ignition. Wear appropriate safety equipment as listed in Section 8. Absorb on inert material and dispose in accordance with FEDERAL, STATE and local regulations. Incineration is the preferred method of disposal.

===== **Section 7 - Handling and Storage** =====

Handling & Storage

Store in well-ventilated area. Keep containers closed when not in use store away from ignition sources. Store in a clean, dry area.

Other Precautions

All precautions must be observed. Empty container may retain product residue (Solid or liquid).

===== **Section 8 - Exposure Controls / Personal Protection** =====

EXPOSURE LIMITS/GUIDELINES:

MATERIAL	CAS NO.	ACGIH		OSHA
CHEMICAL INGREDIENTS	CAS #	TWA	STEL	TWA
Water	7732-18-5	Not Listed	Not Listed	Non Hazard
Acrylic Polymer Emulsion	25852-37-3	Not Listed	Not Listed	Non Hazard
Titanium Dioxide	13463-67-7	10 mg/m ³	-	10 mg/m ³
Zinc Oxide Non-Ferrous	1314-13-2	10 mg/m ³	-	15 mg/m ³
IRON OXIDE YELLOW	51274-00-1	5mg/m ³	-	10 mg/m ³
Propylene Glycol	57-55-6	10 mg/m ³	-	10 mg/m ³

▪ **Personal Protection**

- Respiratory Protection – Wear an appropriate, properly fitted respirator (NIOSH/MSHA approve during application and handling unless air monitoring demonstrates vapor/ mist levels below applicable limits. Follow respirator manufacturer's recommendations for selection and use.

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- Ventilation – Sufficient ventilation must be provided to maintain airborne concentrations below TLV, PEL and LEL Limits as listed in section 8.
- Protective Gloves – Chemical resistant protective gloves should be worn when handling this product. Check with glove manufacturer to determine proper glove type.
- Eye Protection – Splash-proof chemical goggles should be worn.
- Other Protective Equipment – Impervious clothing and boots should be worn. Eye bath and safety shower should be provided.
- Hygienic Practices- Good personal hygiene practices are required at all times when handling chemicals. These practices include, but are not limited to, washing when safety equipment is removed, at the end of each shift or when going on breaks and especially if contamination occurs.

===== **Section 9 - Physical and Chemical Properties** =====

BOILING RANGE: 163.4 - 491°F

VAPOR DENSITY: Lighter than air.

COATING V.O.C.: 46.11 g/l

SOLUBILITY IN WATER: Complete.

APPEARANCE AND ODOR: Typical for water based paints.

SPECIFIC GRAVITY (H₂O=1): 1.30- 1.34

EVAPORATION RATE: Slower than the air.

MATERIAL V.O.C.: 21.20 g/l

pH RANGE: 9 +/-5

===== **Section 10 - Stability and Reactivity** =====

CONDITIONS TO AVOID

None.

INCOMPATIBILITY (MATERIALS TO AVOID)

Avoid contact with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

May form toxic materials on thermal decomposition including Carbon Dioxide, Carbon Monoxide, and various hydrocarbons.

HAZARDOUS POLYMERIZATION:

Will not occur.

===== **Section 11 - Toxicological Information** =====

TOXICITY DATA:

No LD50 Data Available

SUSPECTED CANCER AGENT:

Ingredients are found on the following lists: FEDERAL OSHA Z LIST, NTP, CAL/OSHA, IARC and therefore its considered to be, or suspected to be a cancer-causing agent by these agencies. Crystalline Silica

IRRITANCY OF PRODUCT:

Contact with this product can be irritating to exposed skin, eyes and respiratory system.

SENSITIZATION OF PRODUCT:

This product is not considered a sensitizer.

REPRODUCTIVE TOXICITY INFORMATION:

No information concerning the effects of this product and its components on the human reproductive system.

===== **Section 12 - Ecological Information** =====

ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.

ENVIRONMENTAL STABILITY:

No Data available at this time.

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EFFECT OF MATERIAL ON PLANTS or ANIMALS:

No Data available at this time.

EFFECT OF CHEMICAL ON AQUATIC LIFE:

No Data available at this time.

===== Section 13 - Disposal Considerations =====

Dispose of in accordance with all local, state and federal regulations.

===== Section 14 - Transport Information =====

US DOT; IATA; IMO; ADR:

THIS PRODUCT IS NOT HAZARDOUS AS DEFINED BY 49 CFR 172.101 BY THE U.S. DEPARTMENT OF TRANSPORTATION.

PROPER SHIPPING NAME: Non-Regulated Material

HAZARD CLASS NUMBER and DESCRIPTION: Not Applicable

UN IDENTIFICATION NUMBER: Not Applicable

PACKING GROUP: Not Applicable.

DOT LABEL(S) REQUIRED: Not Applicable

NORTH AMERICAN EMERGENCY RESPONSE GUIDEBOOK NUMBER (2004): Not Applicable

MARINE POLLUTANT: None of the ingredients are classified by the DOT as a Marine Pollutant (as defined by 49 CFR 172.101, Appendix B)

U.S. DEPARTMENT OF TRANSPORTATION (DOT) SHIPPING REGULATIONS:

This product is not classified as dangerous goods, per U.S. DOT regulations, under 49 CFR 172.101.

TRANSPORT CANADA, TRANSPORTATION OF DANGEROUS GOODS REGULATIONS:

This product is not classified as Dangerous Goods, per regulations of Transport Canada.

INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA):

This product is not classified as Dangerous Goods, by rules of IATA:

INTERNATIONAL MARITIME ORGANIZATION (IMO) DESIGNATION:

This product is not classified as Dangerous Goods by the International Maritime Organization.

===== Section 15 - Regulatory Information =====

UNITED STATES REGULATIONS

SARA REPORTING REQUIREMENTS:

This product is not subject to the reporting requirements Of Sections 302, 304 and 313 of Title III of the Superfund Amendments and Reauthorization Act., as follows: None

TSCA:

All components in this product are listed on the US Toxic Substances Control Act (TSCA) inventory of chemicals.

SARA 311/312:

Acute Health: Yes Chronic Health: No Fire: No Reactivity: No

U.S. SARA THRESHOLD PLANNING QUANTITY:

There are no specific Threshold Planning Quantities for this product. The default Federal MSDS submission and inventory requirement filing threshold of 10,000 lb (4,540 kg) may apply, per 40 CFR 370.20.

U.S. CERCLA REPORTABLE QUANTITY (RQ):

None

CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65):

One or more of the ingredients are on the California Proposition 65 lists.

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WARNING! This product contains ingredients that are known to the State of California to cause cancer or reproductive harm.

CANADIAN REGULATIONS:

CANADIAN DSL/NDSL INVENTORY STATUS:

All of the components of this product are on the DSL Inventory

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITIES SUBSTANCES LISTS:

No component of this product is on the CEPA First Priorities Substance Lists.

CANADIAN WHMIS CLASSIFICATION and SYMBOLS:

This is not considered to be a hazardous material under the Hazardous Products Act as defined by the Controlled Products Regulations and is therefore not subject

===== Section 16 - Other Information =====

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