

SAFETY DATA SHEET



Excelsior AW-510
Excelsior Acrylic Wet Set Adhesive

Excelsior AW-510

Version 1.0 Revision Date: 2/13/2017 MSDS Number: AW-510 Date of first issue: 03/04/2016

SECTION 1. IDENTIFICATION

Product name : Excelsior AW-510
Product Description : Acrylic Wet Set Adhesive
Supplier : RHC
Address : 1602 N. Union St.
Fostoria, OH 44830
Telephone : (844) 393 - 4044
Fax : (419) 436 - 2482
Emergency Telephone Number : CHEMTREC: 1 (800) 424-9300
CANUTEC: (613) 996 - 6666

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification : Not classified
GHS Label Element : Not a dangerous substance
Other Hazards : Exposure may aggravate those with pre-existing eye, skin or respiratory conditions.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Classification : Mixtures
Description : Adhesive

Hazardous Components

| CAS# | Chemical Name | Percentage |
|------------|---------------|------------|
| 14808-60-7 | Quartz* | 0.1 - 1% |

**This product contains a material that may be hazardous when present as an airborne dust. Since this product is in a liquid form, the material is not able to become airborne and cannot be inhaled. Thus, the hazards usually associated with this material are not applicable to this product.*

SECTION 4. FIRST AID MEASURES

First Aid Measures

General : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label if possible).

SAFETY DATA SHEET



Excelsior AW-510 Excelsior Acrylic Wet Set Adhesive

| | | | |
|---------|----------------|--------------|----------------------|
| Version | Revision Date: | MSDS Number: | Date of first issue: |
| 1.0 | 2/13/2017 | AW-510 | 03/04/2016 |

- Inhalation** : If inhaled, remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.
- Skin Contact** : In case of skin contact, flush with plenty of water for at least 15 minutes. Seek medical advice if irritation develops or persists. Call a POISON CENTER or doctor/physician if you feel unwell. Take off contaminated clothing and wash it before reuse.
- Eye Contact** : In case of eye contact, rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Obtain medical attention if irritation persists.
- Ingestion** : If swallowed, Do NOT induce vomiting. Rinse mouth. Immediately call a POISON CENTER or doctor/physician.

Most Important Symptoms and effects, Both Acute and Delayed

- General** : None expected under normal conditions of use.
- Inhalation** : May cause respiratory irritation.
- Skin Contact** : May cause mild skin irritation.
- Eye Contact** : May cause minor eye irritation.
- Ingestion** : Ingestion is likely to be harmful or have adverse effects.
- Chronic Symptoms** : None expected under normal conditions of use.

Indications of Any Immediate Medical Attention and Special Treatment Needed

If you feel unwell, seek medical attention (show product label where possible).

SECTION 5. FIREFIGHTING MEASURES

Extinguishing Media

- Suitable Extinguishing Media** : Use extinguishing media appropriate for area.
- Unsuitable Extinguishing Media** : Do not use heavy water stream, as this may spread fire.

Specific Hazards Arising From Substance or Mixture

- Fire Hazard** : Product is not flammable.

SAFETY DATA SHEET



Excelsior AW-510 Excelsior Acrylic Wet Set Adhesive

| | | | |
|---------|----------------|--------------|----------------------|
| Version | Revision Date: | MSDS Number: | Date of first issue: |
| 1.0 | 2/13/2017 | AW-510 | 03/04/2016 |

- Explosion Hazard** : Product is not explosive.
- Reactivity** : Hazardous reactions are unlikely to occur under normal circumstances.

Advice for Firefighting

- Precautionary Measures While Firefighting** : Exercise caution when fighting any chemical fire. Under fire conditions, hazardous fumes will be present.
- Specific Firefighting Instructions** : Use water spray or fog for cooling exposed containers. Do not allow run-off from firefighting to enter drains or water courses. Do not breathe fumes from fires or vapors from decomposition.
- Specific Protection Equipment for Firefighters** : Do not enter fire area without proper protective equipment, including respiratory protection.
- Hazardous Combustion Products** : Under fire conditions this material may produce hazardous carbon dioxide (CO₂), carbon monoxide (CO), various low molecular weight hydrocarbons, and smoke.
- Other Information** : Refer to Section 9 for flammability properties.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal Precautions, Protective Equipment & Emergency Procedures** : Avoid all contact with skin, eyes or clothing. Do not breathe vapor, mist or spray.
- Instructions for Non-Emergency Personnel** : Use appropriate personal protection equipment (PPE). Evacuate unnecessary personnel.
- Instructions for Emergency Personnel** : Equip cleanup crew with proper protection. Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area and call for assistance of trained personnel as soon as conditions permit.
- Environmental Precautions** : Do not allow product to reach sewage systems or water course. Inform respective authorities in case of seepage into sewage or water course.
- Methods & Materials for Containment and Cleaning Up** : Contain any spills with dikes or inert absorbent material (e.g. sand, diatomite, acid binder, universal binder, sawdust) to prevent migration into sewage systems and water course. Clean up spills immediately and dispose contaminated material according to section 13. Clean contaminated floors and objects thoroughly while observing environmental regulations. Inform respective authorities in case of seepage into sewage or water course.

SAFETY DATA SHEET



Excelsior AW-510 Excelsior Acrylic Wet Set Adhesive

| | | | |
|---------|----------------|--------------|----------------------|
| Version | Revision Date: | MSDS Number: | Date of first issue: |
| 1.0 | 2/13/2017 | AW-510 | 03/04/2016 |

Reference to Other Sections : See Section 8 for information on personal protection.
See section 13 for disposal information.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

Hygiene Measures : Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures : Comply with applicable regulations.

Storage Conditions : Store in a dry, cool and well-ventilated area. Keep container closed when not in use. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

Incompatible Materials : Strong acids, strong bases, strong oxidizers.

Specific End Use(s) : No use specified.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with Workplace Control Parameters
Contains no substances with occupational exposure limit values.

Exposure Controls

Engineering Controls : Ensure adequate ventilation, especially in confined areas. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed.

Environmental Exposure Controls : Do not allow product to be released into the environment.

Consumer Exposure Controls : Do not eat, drink or smoke during use.

SAFETY DATA SHEET



Excelsior AW-510 Excelsior Acrylic Wet Set Adhesive

Version 1.0 Revision Date: 2/13/2017 MSDS Number: AW-510 Date of first issue: 03/04/2016

Personal Protective Equipment

- Respiratory Protection** : Use a NIOSH-approved respirator or self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits.
- Hand Protection** : Wear chemically resistant protective gloves.
- Eye Protection** : Chemical goggles or safety glasses.
- Skin & Body Protection** : Wear suitable protective clothing.
- Protective Measures** : The usual precautionary measures for handling chemicals should be followed.
- Hygiene Measures** : The usual precautionary measures for handling chemicals should be followed.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance** : Paste
- Color** : Off-white
- Odor** : Mild Odor
- pH** : 9.0 – 10.0
- Melting Point / Range** : No data available
- Freezing Point** : ~32° F (0° C)
- Boiling Point / Range** : 212 °F (100° C)
- Flash Point** : None
- Flammability** : No data available
- Auto-Ignition Temperature** : No data available
- Decomposition Temperature** : No data available
- Upper & Lower Flammability Limit** : None
- Specific Gravity** : 1.1648
- Water Solubility** : No data available
- Solubility** : No data available

SAFETY DATA SHEET



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| | |
|---|--|
| Partition Coefficient (Noctanol/Water) | : No data available |
| Viscosity | : No data available |
| Explosion Data – Mechanical Impact | : Not expected to present an explosion hazard due to mechanical impact |
| Explosion Data – Static Discharge | : Not expected to present an explosion hazard due to static discharge |
| VOC Content | : < 1g/l |

SECTION 10. STABILITY AND REACTIVITY

| | |
|---|--|
| Reactivity | : Stable under normal conditions. |
| Chemical Stability | : Stable under recommended handling and storage conditions (see section 7) |
| Possibility of Hazardous Reactions | : None known. |
| Conditions to Avoid | : Direct sunlight. Extremely high or low temperatures. Incompatible materials. |
| Incompatible Materials | : Strong acids, strong bases, strong oxidizers. |
| Hazardous Decomposition Products | : Carbon oxides (CO, CO ₂). |

SECTION 11. TOXICOLOGICAL INFORMATION

Toxicological Effects (Product)

| | |
|---|------------------------------|
| Acute Toxicity | : Not classified / available |
| Skin Corrosion / Irritation | : Not classified, pH 7.5-10 |
| Serious Eye Damage / Irritation | : Not classified, pH 7.5-10 |
| Respiratory or Skin Sensitization: | : Not classified |
| Germ Cell Mutagenicity | : Not classified |
| Teratogenicity | : Not classified |
| Carcinogenicity | : Not classified |

SAFETY DATA SHEET



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Excelsior Acrylic Wet Set Adhesive

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- Reproductive Toxicity** : Not classified
- Aspiration Hazard** : Not classified
- Specific Target Organ Toxicity (Single or Repeated Exposure)** : Not classified
- Symptoms / Injuries After Inhalation** : May cause respiratory irritation
- Symptoms / Injuries After Skin Contact** : May cause mild skin irritation
- Symptoms / Injuries After Eye Contact** : May cause minor eye irritation.
- Symptoms / Injuries After Ingestion** : Ingestion is likely to be harmful or have adverse effects.
- Chronic Symptoms** : None expected under normal conditions

Carcinogenic Categories

- IARC** : No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by IARC.
- OSHA** : No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
- NTP** : No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by NTP.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity (Product)

- Toxicity** : No additional information available
- Persistence & Degradability** : Not available
- Bioaccumulative Potential** : Not available
- Mobility in Soil** : Not available

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Other Adverse Effects : None known

Other Information : Avoid release into the environment

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from Residues : Dispose of in accordance with federal, state/province and local regulations.

Contaminated Packaging : Clean container with water.
Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14. TRANSPORT INFORMATION

International Regulation

DOT : Not regulated as a dangerous good

IMDG-Code : Not regulated as a dangerous good

IATA-DGR : Not regulated as a dangerous good

UNRTDG : Not regulated as a dangerous good

SECTION 15. REGULATORY INFORMATION

SARA 355 : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 355.

SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

TSCA (Toxic Substance Control Act) : All ingredients are not listed or are not required to be listed on the TSCA inventory.

California Prop 65 : This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Chemicals Known to Cause Cancer : None of the ingredients listed.

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Chemicals known to cause reproductive toxicity for females : None of the ingredients listed.

Chemicals known to cause reproductive toxicity for males : None of the ingredients listed.

GHS Label Elements : Void.

Signal Pictograms : Void.

Signal Word : Void.

Hazard Statements : Void.

VOC : <1 g/l – 0.01 lb/gal

Chemical Safety Assessment : A Chemical Safety Assessment has not been carried out.

WHMIS Classification : Uncontrolled product according to WHMIS classification criteria

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and this SDS contains all of the information required by CPR.

SECTION 16. OTHER INFORMATION

Revision Date : 2.13.2017

Other Information : This document has been prepared in accordance with the SDS requirements of OSHA Hazard Communication Standard 29 CFR 1910.1200.

SAFETY DATA SHEET



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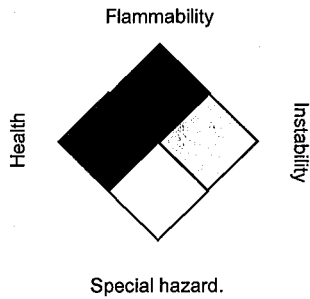
Version
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NFPA:



HMIS III:

| | |
|-----------------|--|
| HEALTH | |
| FLAMMABILITY | |
| PHYSICAL HAZARD | |

0 = not significant, 1 = Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.