

Excelsior MS-700**Excelsior Modified Silane Wet Set Adhesive**

Version 1.0	Revision Date: 9/16/2016	MSDS Number: MS-700	Date of last issue: - Date of first issue: 03/04/2016
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SECTION 1. IDENTIFICATION

Product name	: Excelsior MS-700
Product Description	: Modified Silane 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: (800) 424-9300 CHEMTREC International: (703) 527-3887

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	: None

SECTION 4. FIRST AID MEASURES

Inhalation	: Move to fresh air. Seek medical attention if symptoms persist.
Skin Contact	: Generally, product does not irritate the skin. If irritated, flush with plenty of water for at least 15 minutes while removing all contaminated clothing. Seek medical attention or contact a poison control center if symptoms persist. Wash clothing before reuse.
Eye Contact	: In case of eye contact, remove contact lens and cautiously rinse immediately with plenty of water for at least 15 minutes.

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- Keep eye wide open while rinsing. Seek medical attention if symptoms persist.
- Ingestion** : Do not induce vomiting without medical advice. If conscious, rinse out mouth and drink plenty of water. Never give anything by mouth to an unconscious person. Seek medical attention immediately.
- Most important symptoms and effects, both acute and delayed** : **General** - None expected under normal conditions.
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.
- Indications of any immediate medical attention and special treatment needed** : No further relevant information available.

SECTION 5. FIREFIGHTING MEASURES

- 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 While Firefighting** : Product is not flammable. Product is not explosive. Hazardous reactions are unlikely to occur under normal circumstances.
- Precautionary Measures While Firefighting** : Exercise caution when fighting any chemical fire. Under fire conditions or excessive heating, hazardous fumes may be present.
- Specific Extinguishing Instructions** : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray to cool unopened containers. Do not allow run-off from firefighting to enter sewage systems or water course. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
- Specific Protection Equipment for Firefighters** : Do not enter fire area without proper protective equipment, including respiratory protection.
- Hazardous Combustion Products** : No data available.
- Other Information** : Refer to Section 9 for flammability properties.

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SECTION 6. ACCIDENTAL RELEASE MEASURES

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| Personal Precautions, Protective Equipment & Emergency Procedures | : Ensure adequate ventilation. |
| Instructions for Non-Emergency Personnel | : No special instructions required. |
| Instructions for Emergency Personnel | : No special instructions required. |
| Environmental Precautions | : No special instructions required. |
| Methods & Materials for Containment and Cleaning Up | : Contain any spills with inert absorbent material (e.g. sand, diatomite, acid binder, universal binder, sawdust).
Clean up spills immediately and dispose contaminated material according to section 13. |
| Reference to Other Sections | : See Section 8 for information on personal protection.
See section 13 for disposal information. |

SECTION 7. HANDLING AND STORAGE

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| Precautions on Safe Handling | : Use only in well ventilated areas. No other special precautions required. |
| Conditions for Safe Storage | : Comply with applicable regulations. Store in a dry, cool and well-ventilated area. Keep container closed when not in use. Keep away from direct sunlight, extremely high or low temperatures. Keep away from incompatible materials. |
| Incompatible Materials | : Strong acids & oxidizing agents. |

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Components with Workplace Control Parameters**

Contains no substances with occupational exposure limit values.

Exposure Controls

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| Engineering Controls | : Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed. Keep away from incompatible materials. |
| Environmental Exposure Controls | : Do not allow product to be released into the environment. |

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Personal Protective Equipment

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| Respiratory Protection | : Not required if room is well-ventilated. |
| Hand Protection | : Gloves must be impermeable and resistant to product. Consult glove manufacturer to confirm resistance. For persons with dry skin, use lotion or ointment after cleaning. |
| 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

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| Appearance | : Paste |
| Color | : Light Brown |
| Odor | : Characteristic |
| pH | : 9.0 – 10.0 |
| Melting Point / Range | : Not determined |
| Freezing Point | : No data available |
| Boiling Point / Range | : 741° F (394° C) |
| Flash Point | : 394° F (201° C) |
| Flammability | : Not applicable |
| Ignition Temperature | : 626° F (330° C) |
| Auto-Ignition Temperature | : Not self-igniting |
| Decomposition Temperature | : Not determined |
| Specific Gravity | : 1.25 g/cm ³ |
| Water Solubility | : No data available |
| Partition Coefficient (Noctanol/Water) | : No data available |

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Viscosity	: 65,000 mPas
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
Solids Content	: 100%
VOC Content	: < 0.01%

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	: Reacts with strong acids and oxidizing agents.
Conditions to Avoid	: Incompatible materials.
Incompatible Materials	: Strong acids and oxidizing agents.
Hazardous Decomposition Products	: Carbon oxides (CO, CO ₂).

SECTION 11. TOXICOLOGICAL INFORMATION**Toxicological Effects**

Acute toxicity	: Not classified / available
Skin Corrosion / Irritation	: No irritating effect
Serious Eye Damage / Irritation	: No irritating effect
Respiratory or Skin Sensitization:	: No irritating effect
Germ Cell Mutagenicity	: Not classified
Teratogenicity	: Not classified
Carcinogenicity	: Not classified

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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 Skin Contact	: May cause minor eye irritation.
Symptoms / Injuries After Skin Contact	: 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**

Toxicity	: No additional information available
Persistence & Degradability	: Not available
Bioaccumulative Potential	: Not available
Mobility in Soil	: Not available
Other Adverse Effects	: None known
General Notes	: Water Hazard Class 1 (self-assessment): slightly hazardous

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for water. Do not allow undiluted product or large quantities to reach water course or sewage systems.

Other Information : Avoid release into the environment.

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal methods**

Waste from residues : Small quantities can be disposed of with household waste. Larger quantities can be disposed of in accordance with federal, state/province and local regulations.

Contaminated packaging : 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

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

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females

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

Chemicals known to cause developmental toxicity : None of the ingredients listed

GHS Label Elements : Void

Signal Pictograms : Void

Signal Word : Void

Hazard Statements : Void

VOC : 0 g/l – 0 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 : 9.16.2016

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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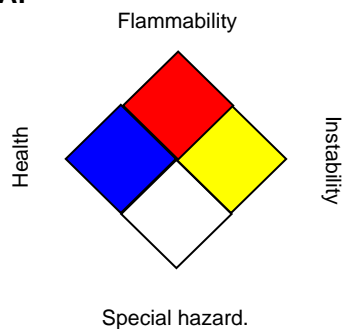
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NFPA:



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.