

SAFETY DATA SHEET



Excelsior SP-500

Excelsior Acrylic Aerosol Pressure-Sensitive Adhesive

Version 1.0 Revision Date: 8/17/2016 MSDS Number: SP-500 Date of last issue: -
Date of first issue: 03/04/2016

SECTION 1. IDENTIFICATION

Product name : Excelsior SP-500

Product Description : Acrylic Aerosol Pressure-Sensitive 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
Industrial Health/Spill Emergency: (706) 277 - 1300

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification : H229 – Comp. Gas
See section 16 for full text of H-Phrases

GHS Label Elements

Hazard Pictograms :



Signal Word : Warning

Hazard Statements : H229 – Pressurized container; may burst if heated.

Precautionary Statements : P102 – Keep out of reach of children.
P103 – Read label before use.
P235+P410 – Keep Cool. Protect from sunlight.
P412 – Do not expose to temperatures exceeding 122° F (50° C).

Other Hazards : None known.

SAFETY DATA SHEET



Excelsior SP-500

Excelsior Acrylic Aerosol Pressure-Sensitive Adhesive

Version 1.0 Revision Date: 8/17/2016 MSDS Number: SP-500 Date of last issue: -
Date of first issue: 03/04/2016

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Classification : Mixtures
Description : Adhesive
Hazardous Components : None

SECTION 4. FIRST AID MEASURES

Inhalation : If inhaled, move to fresh air. Provide oxygen or artificial respiration if needed. If symptoms persist, contact a poison control center or seek medical attention immediately.

Skin Contact : In case of skin contact, flush with plenty of water for at least while removing all contaminated clothing and shoes. If symptoms persist, seek medical attention immediately.

Eye Contact : In case of eye contact, remove contact lens and cautiously rinse immediately with plenty of water, including under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Seek medical attention immediately.

Ingestion : If ingested, do NOT induce vomiting without medical advice. If conscious, rinse out mouth. Never give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed : No further relevant information available.

Indications of any immediate medical attention and special treatment needed : No further relevant information available.

SECTION 5. FIREFIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media : Dry powder
Foam
Carbon dioxide (CO₂)
Water mist

Unsuitable Extinguishing Media : Do not use heavy water stream, as this may spread fire.

SAFETY DATA SHEET



Excelsior SP-500 Excelsior Acrylic Aerosol Pressure-Sensitive Adhesive

Version 1.0 Revision Date: 8/17/2016 MSDS Number: SP-500 Date of last issue: -
Date of first issue: 03/04/2016

Specific Hazards Arising From Substance or Mixture

- Fire Hazard** : Product is not considered flammable, but may burn at high temperatures.
- Explosion Hazard** : Product is not explosive, but container may burst during heating or in case of fire.
- Reactivity** : The formation of irritating fumes is possible during heating or in case of fire.

Advice for Firefighting

- Precautionary Measures While Firefighting** : Exercise caution when fighting any chemical fire. Under fire conditions, irritating fumes may be present. Exposure to decomposition products may be a hazard to health.
- Specific Firefighting 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 self-contained breathing apparatus. Exposure to decomposition products may be a hazard to health.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal Precautions, Protective Equipment & Emergency Procedures** : Ensure adequate ventilation. Use personal protective equipment. Material can create slippery conditions. Use non-slip safety shoes in areas where spills or leaks can occur.
- Environmental Precautions** : Prevent further leakage or spillage if safe to do so. Do not allow uncontrolled discharge of product into the environment. Do not allow product to reach sewage systems, soil or water course.
- Methods & Materials for Containment and Cleaning Up** : Contain any spills with dikes or dams and soak up with inert absorbent material (e.g. sand, diatomite, acid binder, universal binder, sawdust) to prevent migration into sewage systems, soil and water course. Sweep up and shovel material into properly labeled containers for disposal. Clean up spills immediately and dispose contaminated material according to section 13. Clean contaminated floors and objects thoroughly while observing environmental regulations.
- Reference to Other Sections** : See section 7 for information on safe handling.
See Section 8 for information on personal protection.
See section 13 for disposal information.

Excelsior SP-500

Excelsior Acrylic Aerosol Pressure-Sensitive Adhesive

Version 1.0	Revision Date: 8/17/2016	MSDS Number: SP-500	Date of last issue: - Date of first issue: 03/04/2016
----------------	-----------------------------	------------------------	--

SECTION 7. HANDLING AND STORAGE

- Advice on Protection Against Fire and Explosion** : Product is not flammable. Keep away from heat and sources of ignition.
- Precautions on Safe Handling** : Ensure adequate ventilation. Wear personal protective equipment. Handle with care. Take care to avoid waste and spillage when weighing, loading and mixing the product.
- Conditions for Safe Storage** : Keep in properly labelled containers. Observe label precautions. Keep containers tightly closed in a dry, cool and well-ventilated place. Store between 5 and 25 °C in a dry, well ventilated place away from sources of heat, ignition and direct sunlight. No smoking.
- Incompatible Materials** : Do not freeze.
Keep away from food and drink.
Keep away from tobacco products.
- 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. Maintain air concentrations below occupational exposure standards. 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.

Personal Protective Equipment

- Respiratory Protection** : No personal respiratory protective equipment normally required. Use a NIOSH-approved respirator or self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits.

SAFETY DATA SHEET



Excelsior SP-500 Excelsior Acrylic Aerosol Pressure-Sensitive Adhesive

Version 1.0	Revision Date: 8/17/2016	MSDS Number: SP-500	Date of last issue: - Date of first issue: 03/04/2016
----------------	-----------------------------	------------------------	--

- Hand Protection** : Impervious Gloves.
- Eye Protection** : Tightly sealed safety goggles or glasses, face shield.
- Skin & Body Protection** : Chemical resistant apron and footwear. Skin should be washed after contact. Change working clothes after each workshift.
- Protective Measures** : Avoid contact with skin.
When using do not eat, drink or smoke.
Personal protective equipment comprising: suitable protective gloves, safety goggles and protective clothing
The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
- Hygiene Measures** : Do not smoke.
Keep away from food and drink.
Avoid contact with skin, eyes and clothing.
Change working clothes after each workshift.
Remove and wash contaminated clothing and gloves, including the inside, before re-use.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance** : Aerosol
- Color** : White
- Odor** : Slight
- Melting Point/Range** : No Data Available
- Boiling Point/Range** : 212° F (100° C)
- Flash Point** : >212° F (>100° C)
- Lower/ Upper Explosion Limit** : Product does not present an explosion hazard.
- Vapor Pressure** : No Data Available
- Density** : 8.2 lbs/gal
- Viscosity** : 300 mPas
- Water Solubility** : Dispersible
- Partition coefficient: n-octanol/water** : No Data Available

SAFETY DATA SHEET



Excelsior SP-500

Excelsior Acrylic Aerosol Pressure-Sensitive Adhesive

Version 1.0	Revision Date: 8/17/2016	MSDS Number: SP-500	Date of last issue: - Date of first issue: 03/04/2016
----------------	-----------------------------	------------------------	--

Explosive Properties : Not Applicable

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 : Protect from frost, heat and sunlight.

Incompatible Materials : No data available.

Hazardous Decomposition Products : Carbon dioxide (CO₂), carbon monoxide (CO), oxides of nitrogen (NO_x), dense black smoke.

SECTION 11. TOXICOLOGICAL INFORMATION

Toxicological Effects (Product)

Acute Oral Toxicity : No data available

Acute Dermal Toxicity : No data available

Acute Inhalation Toxicity : LC50 (Rat): 1,500 g/m³
Exposure time: 4.0 h

Skin Corrosion / Irritation : May irritate skin. May cause skin irritation and/or dermatitis.

Serious Eye Damage / Irritation : May irritate eyes.

Respiratory or Skin Sensitization: : Not classified

Germ Cell Mutagenicity : Not classified

Teratogenicity : Not classified

Carcinogenicity : Not classified

Reproductive Toxicity : Not classified

Aspiration Hazard : Not classified

SAFETY DATA SHEET



Excelsior SP-500

Excelsior Acrylic Aerosol Pressure-Sensitive Adhesive

Version 1.0 Revision Date: 8/17/2016 MSDS Number: SP-500 Date of last issue: -
Date of first issue: 03/04/2016

Specific Target Organ Toxicity (Single or Repeated Exposure) : Not classified

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 to Fish : May cause long-term adverse effects in the aquatic environment.

Toxicity to Daphnia and Other Aquatic Invertebrates : May cause long-term adverse effects in the aquatic environment.

Toxicity to Algae : May cause long-term adverse effects in the aquatic environment.

Persistence & Degradability : Not available

Bioaccumulative Potential : Not available

Mobility in Soil : Not available

Other Adverse Effects : None known

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods

SAFETY DATA SHEET



Excelsior SP-500

Excelsior Acrylic Aerosol Pressure-Sensitive Adhesive

Version 1.0 Revision Date: 8/17/2016 MSDS Number: SP-500 Date of last issue: -
Date of first issue: 03/04/2016

- Waste from Residues** : Do not allow product to reach sewage system or water course. Dispose of in accordance with local regulations. Can be landfilled or incinerated, when in compliance with local regulations.
- Contaminated Packaging** : Clean container with water. Empty containers should be taken to an approved waste handling site for disposal.

SECTION 14. TRANSPORT INFORMATION

International Regulations

IATA-DGR

UN/ID No. : UN 1950
Proper Shipping Name : Aerosols, non-flammable
(1,3,3,3-Tetrafluoroprop-1-ene)
Class : 2.2
Packing Group : Not assigned by regulation
Labels : Non-flammable, non-toxic Gas
Packing Instructions (Cargo Aircraft) : 203
Packing Instructions (Passenger Aircraft) : 203

IMDG-Code

UN/ID No. : UN 1950
Proper Shipping Name : Aerosols, non-flammable
Class : 2.2
Packing Group : Not assigned by regulation
Labels : Non-flammable, non-toxic Gas
EmS Code : F-D, S-U
Marine Pollutant : no

National Regulation

49 CFR

UN/ID No. : UN 1950
Proper Shipping Name : Aerosols, non-flammable
(1,3,3,3-Tetrafluoroprop-1-ene)
Class : 2.2
Packing Group : Not assigned by regulation
Labels : NON-FLAMMABLE GAS
ERG Code : 126
Marine Polutant : No

SECTION 15. REGULATORY INFORMATION

SAFETY DATA SHEET



Excelsior SP-500
 Excelsior Acrylic Aerosol Pressure-Sensitive
 Adhesive

Version 1.0	Revision Date: 8/17/2016	MSDS Number: SP-500	Date of last issue: - Date of first issue: 03/04/2016
----------------	-----------------------------	------------------------	--

- SARA 302** : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
- 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 components of this product appear on the Inventory of Chemical Substances published by the U.S. Environmental Protection Agency (EPA) under the authority of the Toxic Substances Control Act (TSCA).
- 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 females** : None of the ingredients listed
- Chemicals known to cause reproductive toxicity for males** : None of the ingredients listed
- Chemicals known to cause developmental toxicity** : None of the ingredients listed
- VOC** : 0.0 g/l – 0.00 lb/gal
- Chemical Safety Assessment** : A Chemical Safety Assessment has not been carried out.

SECTION 16. OTHER INFORMATION

- Revision Date** : 8.17.2016
- Other Information** : This document has been prepared in accordance with the SDS requirements of OSHA Hazard Communication Standard 29 CFR 1910.1200.

GHS Full Text Phrases :

GHS Code	GHS Phrase
H229	Pressurized container; may burst if heated.

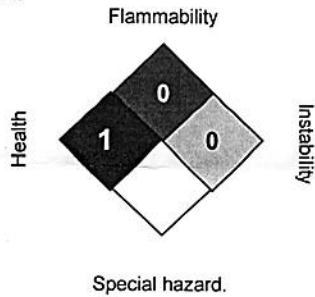
SAFETY DATA SHEET



Excelsior SP-500
Excelsior Acrylic Aerosol Pressure-Sensitive
Adhesive

Version 1.0 Revision Date: 8/17/2016 MSDS Number: SP-500 Date of last issue: -
Date of first issue: 03/04/2016

NFPA:



HMIS III:

HEALTH	1
FLAMMABILITY	0
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.

US / EN