MATERIAL SAFETY DATA SHEET

HEALTH	2
FLAMMABILITY	3
REACTIVITY	0

SKY FLEET COMPLIANCE COATINGS
ACTIVATORS FOR PAINT & PRIMERS

SECTION I. MANUFACTURER

Montana Products, Inc. 9287 Smucker Road Orrville, OH 44667	**Telephone:** **Corporate Office:** **Chemtrec Emergency:** **Online:**	1-888/276-7071 1-800/328-4892 1-800/424-9300 www.montanabigsky.com

Products on this MSDS:

SFA280, SFA350, SFA1121B, SFA1250, SFE6000B.

OSHA Hazard Class: Flammable Liquid
DOT Shipping Class: Paint Related Materials UN1263
Hazardous Materials Information: See Section X.

SECTION II. HAZARDOUS INGREDIENTS

Also see Section X.

INGREDIENTS	CAS#	VAPOR PRESSURE 20°C (MMHg)	SARA 313 REPORT	EXPOSURE LIMITS			
				OSHA	ACGIH	STEL	CEILING
1. Acetone	67-64-1	181.0	No	750 ppm	750 ppm	1000 ppm*	----
2. Aliphatic Polyisocynate Resin	28182-81-2	Unknown	No	.5mg/m^3(S)	N/E	1.0mg/m^3*	----
3. Butyl Acetate	123-86-4	8.4	No	150 ppm	150 ppm	200 ppm*	----
4. Chlorobenzotriflouride	98-56-6	0.29	No	N/E	N/E	N/E	----
5. Hexamethylene Diisocyanate Monomer	822-06-0	Unknown	Yes	5 ppb	5 ppb	1.0mg/m^3*	----
6. Ketamine Resin	Proprietary	N/A	N/E	N/E	N/E	N/E	----
7. Methyl Amyl Ketone	110-43-0	2.10	No	100 ppm	100 ppm	50 ppm	----
8. Methyl Isobutyl Ketone	108-10-1	15.00	Yes	100 ppm	50 ppm	75 ppm	----
9. N. Butanol	71-36-3	5.50	Yes	100 ppm	50 ppm	----	50 ppm skin*
10. Poly Amide Resin	N/A	Proprietary	No	N/E	N/E	N/E	----
11. Solvent 100	64742-95-6	11.0	No	50 ppm	50 ppm	150 ppm	----
12. Xylene *(Note A)*	1330-20-7	25.0	Yes	100 ppm	100 ppm	150 ppm	200 ppm**

[1] ***Based on MDI/* Denotes 15 Minutes/** Denotes 10 Minutes/ (S) = Supplier/ N/E = Not Established***

Note A: Technical grade Xylene contains 18-20% Ethylbenzene (100-41-4), which has 100ppm PEL, 100ppm TLV, 125ppm STEL and is subject to the reporting requirements of Section 313 of Sara Title III.

See Section X. for specific ingredients and SARA 313 reportable wt.% data.

SECTION III. PHYSICAL DATA

Also see Section X.

Boiling Range:	129°F - 374 °F	**Evaporation Rate:**	Slower than Ether
Solubility in H_2O:	Miscible	**Vapor Density:**	Heavier than Air
Volatile (%) by Volume:	32.05 - 87.2	**Volatile (%) by Wt:**	26.65 - 86.8
Weight per Gallon:	7.97 - 9.70 lbs./gal.		

SECTION IV. FIRE AND EXPLOSION

Flash Point: See Section X.

Flammable Limits: .8% - 13%
Extinguishing Media: Water Spray (for containment), Foam, Carbon Dioxide, Dry Chemical.

Special Fire Fighting Procedures:

Full protective equipment, including self-contained breathing apparatus, is recommended. Water from fogging nozzles may be used to cool closed containers to prevent pressure build up preventing rupturing. Do not use direct water stream on combustible or flammable liquid fires.

Unusual fire and explosion hazards:

When heated above the defined flash points these solvents emit flammable vapors which, when mixed with air, can burn or be explosive when exposed to any ignition source. Fine mists or spray may be flammable at temperatures below the flash point.

SECTION V. HEALTH HAZARD DATA

General Effects:

Ingestion: Gastrointestinal distress. In the unlikely event of ingestion call a physician immediately and have the names of ingredients available.

Inhalation: May cause nose and throat irritation. Repeated and prolonged overexposure to solvents may lead to permanent brain and nervous system damage. Eye watering, headaches, nausea, dizziness and loss of coordination are signs that solvent levels are too high. Exposure to isocyanates may cause respiratory sensitization. This effect may be permanent. This effect may be delayed for several hours after exposure. Repeated overexposure to isocyanates may cause a decrease in lung function, which may be permanent. Individuals with breathing problems or prior reaction to isocyanates must not be exposed to vapors or spray mist of this product. If affected by inhalation of vapor or spray mist, remove to fresh air. If breathing difficulty persists, or occurs later, consult a physician.

Skin or Eye Contact: May cause irritation or burning of the eyes. Repeated or prolonged liquid contact may cause skin irritation with discomfort and dermatitis. In case of eye contact, immediately flush with plenty of water for at least 15 minutes; call a physician. In case of skin contact, wash with soap and water. If irritation occurs, contact a physician.

Specific Effects:

Acetone: Can cause dermatitis.

Aliphatic Polyisocyanate Resin & Hexamethylene Diisocyananate Monomer: Repeated exposure may cause allergic skin rash, itching, swelling. May cause eye irritation with discomfort, tearing, or blurred vision. Repeated overexposure to isocyanates may cause lung injury, including a decrease in lung function, which may be permanent. Overexposure may cause asthma-like reactions with shortness of breathe, wheezing, cough, which may be permanent; or permanent lung sensitization. This effect may be delayed for several hours after exposure. Individuals with preexisting lung disease, asthma or breathing difficulties may have increased susceptibility to the toxicity of excessive exposures.

Butyl Acetate: May cause abnormal liver function.

Methyl Amyl Ketone: Ingestion studies on laboratory animals showed that high oral doses caused increased liver and kidney weights.

Methyl Isobutyl Ketone: Reoccurring overexposure may result in liver and kidney damage.

N-Butanol: May cause chemical burns to eyes. May cause abnormal blood forming function with anemia. Reoccurring overexposure may result in liver and kidney injury.

Solvent 100: Laboratory studies with rats have shown that petroleum distillates cause kidney damage and kidney or liver tumors. These effects were not seen in similar studies with guinea pigs, dogs or monkeys. Several studies evaluating petroleum workers have not shown a significant increase of kidney damage or an increase in liver tumors.

Xylene: High concentrations have caused embryo toxic effects in laboratory animals. Continuous recurrent overexposure may cause liver or kidney damage. Can be absorbed through the skin in harmful amounts.

SECTION VI. REACTIVITY DATA

Stability: Stable

Incompatibility (Materials to avoid): None reasonably foreseeable.

Hazardous Decomposition Products: CO, CO_2, Smoke.

Hazardous Polymerization: Will not occur.

SECTION VII. SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled: Do not breathe vapors. Do not get in eyes or on skin. Wear a positive pressure supplied air vapor/particulate respirator (NIOSH/MSHA TC-19C), eye protection, gloves and protective material. Remove sources of ignition. Absorb with inert material. Ventilate area.

Waste Disposal Method: Do not allow material to contaminate ground water systems. Incinerate absorbed material in accordance with federal, state, and local requirements. Do not incinerate in closed containers.

SECTION VIII. SPECIAL PROTECTION INFORMATION

Respiratory: Do not breathe vapors or mists. Wear a positive pressure supplied air respirator (NIOSH/MSHA (TC-19C) while mixing activator with any paint or clear enamel, during application and until all vapors and spray mists are exhausted. Individuals with a history of lung or breathing problems or prior reaction to isocyanate should not use or be exposed to this product. Do not permit anyone without protection in the painting area. Follow the respirator manufacturer's directions for respirator use.

Ventilation: Provide sufficient ventilation in volume and pattern to keep contaminants below applicable OSHA requirements.

Protective Clothing: Neoprene gloves and coveralls are recommended.

Eye Protection: Desirable in all industrial situations. Include splashguards or side shields.

SECTION IX. SPECIAL PRECAUTIONS

Precautions to be taken in handling and storing: Observe label precautions. Keep away from heat, sparks and flame. Close container after each use. Ground containers when pouring. Wash thoroughly after handling and before eating or smoking. Do not store above 120°F.

Other Precautions: Do not sand, flame cut, braze or weld dry coating without a NIOSH/MSHA approved respirator or appropriate ventilation.

SECTION X. OTHER INFORMATION
PRODUCT SPECIFICATIONS

For each product part number and chemical listing below the chemicals that have weight percentages in parenthesis .are subject to the reporting requirements of Section 313 of the Emergency Planning and Right-To-Know Act of 1986 and 40 CFR 372.

SFA280 Aliphatic Polyisocyanate Resin, Hexamethylene Diisocyanate Monomer (<.05%), Isophorone Diisocyanate Resin (<.35%), Chlorobenzotriflouride, Methyl Amyl Ketone 5-10%.

Gallon Wt.:	9.70 lbs.	**Flash Point:**	102°F
Wt. % Solids:	66.9	**Material VOC:**	0.58 lbs./gallon
Vol. % Solids:	67.95	**Coating VOC:**	0.75 lbs./gallon
OSHA Storage:	1B	**Solvent Density:**	10.02 lbs./gallon

Federal Exempt Solvent = 23.8% by Vol.

SFA350 Aliphatic Polyisocyanate Resin (.04%), Hexamethylene Diisocyanate Monomer (.04%), Isophorone Diisocyanate Resin (<.35%), Xylene (20%), Solvent 100, Butyl Acetate 1-5%.

Gallon Wt.:	8.85 lbs.	**Flash Point:**	78°F
Wt. % Solids:	73.35	**Material VOC:**	2.36 lbs./gallon
Vol. % Solids:	67.5	**Coating VOC:**	2.36 lbs./gallon
OSHA Storage:	1B	**Solvent Density:**	7.26 lbs./gallon

SFA1121B Ketomine Resin, Xylene (27%), N-Butanol (4%), Methyl Isobutyl Ketone (3%).

Gallon Wt.:	7.97 lbs.	**Flash Point:**	60°F
Wt. % Solids:	66.0	**Material VOC:**	2.70 lbs./gallon
Vol. % Solids:	61.94	**Coating VOC:**	2.70 lbs./gallon
OSHA Storage:	1B	**Solvent Density:**	7.12 lbs./gallon

SFA1250 Aliphatic Polyisocyanate Resin, Hexamethylene Diisocyanate Monomer (.05%), Xylene (27.2%), Methyl Isobutyl Ketone (6%), Solvent 100, Butyl Acetate 1-5%.

Gallon Wt.:	8.50 lbs.	**Flash Point:**	61°F
Wt. % Solids:	60.13	**Material VOC:**	3.39 lbs./gallon
Vol. % Solids:	52.67	**Coating VOC:**	3.39 lbs./gallon
OSHA Storage:	1B	**Solvent Density:**	7.16 lbs./gallon

SFA6000B Poly Amide Resin, N Butanol (12.5%), Acetone 35-40%, Chlorobenzotriflouride, Methyl Isobutyl Ketone (3%).

Gallon Wt.:	7.98 lbs.	**Flash Point:**	0°F
Wt. % Solids:	13.27	**Material VOC:**	0.91 lbs./gallon
Vol. % Solids:	12.8	**Coating VOC:**	3.49lbs./gallon
OSHA Storage:	1B	**Solvent Density:**	7.91lbs./gallon

Federally Exempt Solvent = 74.07% by Volume

Xylene: when present it can be assumed 18-20% of the Wt. % reported is Ethylbenzene**.**

Flash Point: Determined by TCC, expressed in degrees Fahrenheit.

Coating VOC: Represents all organic solvents of the single package with exempt solvents included in the VOC.

Material VOC: VOC less exempt solvents when plural components are mixed and the VOC is calculated using EPA Method 24 to determine the VOC of the ready to spray material based on pounds in a fluid gallon.

Solvent Density = The **Coating VOC** ÷ Volume % Volatile portion of blend.

Warning: KEEP THIS AND ALL PAINT RELATED PRODUCTS OUT OF THE REACH OF CHILDREN!

The information contained in this MSDS is based on data from sources considered to be reliable but Montana Products, Inc. does not guarantee the accuracy or completeness thereof. Montana Products, Inc. urges each customer or recipient of this MSDS to study it carefully to become aware of and understand the hazards associated with this product. The reader should consider consulting reference works or individuals who are experts in ventilation, toxicology or fire prevention as necessary or appropriate to use and understand the data in this MSDS.

Note: The data on this MSDS relates only to individual components and does not represent the end mixed product. Read all other Component Material Safety Data Sheets.

END OF MSDS