iLOVETOCREATE®
A DUNCAN ENTERPRISES COMPANY

Safety Data Sheet

1. COMPANY AND PRODUCT IDENTIFICATION

iLoveToCreate
A Duncan Enterprises Company
5673 East Shields Avenue
Fresno, CA 93727
559-291-4444
559-291-9444 (Fax)

EMERGENCY TELEPHONE NUMBERS
Health Emergencies:
559-291-4444 7:00 am – 3:30 pm Pacific Std. Time
Spill and Off-Hour Health Emergencies:
800-424-9300 U.S. and Canada
703-527-3887 Outside U.S. and Canada (Collect)

Product Name: **DUNCAN SS330 AND SS330C SPRAY SEALER**
Product Description: Solvent - Based Aerosol Spray Sealer

2. HAZARDS IDENTIFICATION

HMIS Hazard Ratings for Product	
Health	**2***
Flammability	**4**
Reactivity	**0**
Personal Protection	**See Section 8**

Rating Scale:
0 = Minimal
1 = Slight
2 = Moderate
3 = Serious
4 = Severe
* = Chronic Effects

Routes of Exposure	Exposure may be by inhalation and / or skin or eye contact, depending on conditions of use. To minimize exposure, follow recommendations for proper use, ventilation, and personal protective equipment.
Effects of Overexposure	Irritation of eyes, skin, and upper respiratory system. May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.
Signs and Symptoms of Overexposure	Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists. Redness and itching or burning sensation may indicate eye or excessive skin exposure.
Medical Conditions Aggravated by Exposure	Cardiovascular problems may be aggravated by overexposure to Methylene Chloride.
Cancer Information	For complete discussion of toxicology data refer to Section 11.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS #	Weight %	Vapor Pressure mm Hg	ACGIH TLV ppm	ACGIH TLV STEL ppm	OSHA PEL ppm	OSHA PEL STEL ppm
Propane	74-98-6	13	760	2500	--	1000	--
Butane	106-97-8	12	760	800	--	800	--
Methylene Chloride	75-09-2	15	420	50	--	25	125
Toluene	108-88-3	6	22	50 (skin)	--	100 (skin)	150 (skin)
Ethylbenzene	100-41-4	3	7.1	100	125	100	125
Xylene	1330-20-7	15	5.9	100	150	100	150
2 – Butoxyethanol	111-76-2	4	0.88	20 (skin)	--	20 (skin)	--
Methyl Ethyl Ketone	78-93-3	9	70	200	300	200	300
n – Butyl Acetate	123-86-4	5	10	150	200	150	200

4. FIRST AID MEASURES

Inhalation:	If affected, remove from exposure. Restore breathing. Keep warm and quiet.
Skin Contact:	Wash affected areas thoroughly with soap and water. Remove contaminated clothing and launder before re-use.
Eye Contact:	Flush eyes with large amounts of water for 15 minutes. Get medical attention.
Ingestion:	Do not induce vomiting. Get medical attention immediately.

5. FIRE FIGHTING MEASURES

Flash Point:	Propellant < 0° F
Lower Explosive Limit:	1.0
Upper Explosive Limit:	10.6
Extinguishing Media:	CO_2, Dry Chemical or Foam
Unusual Fire And Explosion Hazards:	Isolate from heat, electrical equipment, sparks, and open flame. Closed containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.
Special Fire Fighting Procedures:	Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

6. ACCIDENTAL RELEASE MEASURES

Steps to be Taken in Case Material is Released or Spilled :	Remove all sources of ignition. Ventilate and remove with inert absorbent.

7. HANDLING AND STORAGE

Storage Category	NFPA 30B Level 2 Aerosol
Precautions to be Taken in Handling and Storage	Keep away from heat, sparks, and open flame. Vapors will accumulate readily and may ignite explosively.
During use and until all vapors are gone	Keep area ventilated – Do not smoke – Extinguish all flames, pilot lights, and heaters – Turn off stoves, electric tools and appliances, and any other sources of ignition.
Consult NFPA Code	Use approved Bonding and Grounding procedures.
Other Precautions	Contents under pressure. Do not puncture, incinerate, or expose to temperature above 120°F. Heat from sunlight, radiators, stoves, hot water, and other heat sources could cause container to burst. Do not take internally. Intentional misue by deliberately concentrating and inhaling the contents can be harmful or fatal. **Keep out of reach of children**.

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

Precautions to be Taken in Use:	Before initial use, consult OSHA's Standard for Occupational Exposure to Methylene Chloride (29 CFR 1910.1052). Use only with adequate ventilation. Avoid breathing vapor and spray mist. Avoid contact with skin and eyes. Wash hands after using.
Ventilation:	Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.
Respiratory Protection:	An air supplied respirator must be worn, unless air monitoring demonstrates vapor/mist concentrations are below permissible limits. Follow respirator manufacturer's directions for respirator use.
Protective Gloves:	For intermittent exposure, wear VITON or nitrile gloves recommended by glove manufacturer for protection against materials in Section 2. For immersion, wear PVA gloves recommended by glove manufacturer.
Eye Protection:	Wear safety spectacles with unperforated sideshields.

9. PHYSICAL AND CHEMICAL PROPERTIES

Specific Gravity (Water=1):	0.81
Bulk Density:	6.71 lb / gal; 804 g / l
Boiling Point:	< 0 - 343°F (< 18 - 172°C)
Evaporation Rate:	Faster than ether
Melting Point:	N/A
Vapor Density (AIR=1):	Heavier than air
Vapor Pressure:	N/A
Water Solubility, %:	N/A
Percent Volatiles by Volume:	88%
Volatile Organic Compounds:	Volatile Weight 68.53% less Federally exempt solvents

10. STABILITY AND REACTIVITY

Stability:	Stable
Conditions To Avoid:	None known
Incompatibility:	None known
Hazardous Decomposition or Byproducts:	By fire: Carbon Dioxide, Carbon Monoxide, Hydrogen Chloride.
Hazardous Polymerization:	Will not occur

11. TOXICOLOGICAL INFORMATION

Chronic Health Hazards

Methlyene chloride is listed by IARC, NTP, and OSHA. Laboratory animals exposed to high levels of methylene chloride in lifetime studies have developed cancer. There is no evidence to date that methylene chloride causes cancer in humans.

Ethylbenzene is classified by IARC as possibly carcinogenic to humans (2B) based on inadequate evidence in humans and sufficient evidence in laboratory animals. Lifetime inhalation exposure of rats and mice to high ethylbenzene concentrations resulted in increases in certain types of cancer, including kidney tumors in rats and lung and liver tumors in mice. These effects were not observed in animals exposed to lower concentrations. There is no evidence that ethylbenzene causes cancer in humans.

Methyl Ethyl Ketone may increase the nervous system effects of other solvents.

Prolonged overexposure to solvent ingredients in Section 2 may cause adverse effects to the liver, urinary, blood forming, cardiovascular, nervous and reproductive systems.

Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

Ingredient Name	CAS #	LC50 / LD50	Species	Duration (hours)	Dosage
Propane	74-98-6	LC50 LD50	Rat Rat	4	N/A N/A
Butane	106-97-8	LC50 LD50	Rat Rat	4	N/A N/A
Methylene Chloride	75-09-2	LC50 LD50	Rat Rat	4	N/A 1600 mg / kg
Toluene	108-88-3	LC50 LD50	Rat Rat	4	4000 ppm 5000 mg / kg
Ethylbenzene	100-41-4	LC50 LD50	Rat Rat	4	N/A 3500 mg / kg
Xylene	1330-20-7	LC50 LD50	Rat Rat	4	5000 ppm 4300 mg / kg
2 – Butoxyethanol	111-76-2	LC50 LD50	Rat Rat	4	N/A 470 mg / kg
Methyl Ethyl Ketone	78-93-3	LC50 LD50	Rat Rat	4	N/A 2740 mg / kg
n – Butyl Acetate	123-86-4	LC50 LD50	Rat Rat	4	2000 ppm 13100 mg / kg

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method

Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers. Do not incinerate. Depressurize container. Dispose of in accordance with Federal, State, and Local regulations regarding pollution.

14. TRANSPORT INFORMATION

U.S. Department of Transportation Information	
DOT Shipping Name:	Consumer Commodity ORM-D
DOT Hazard Class:	Paint 149980 Sub. 2.1
U.N. Number:	1950

15. REGULATORY INFORMATION

SARA 313 (40 CFR 372.65c) Supplier Notification		
CAS Number	**Chemical / Compound**	**Percent by Weight**
75-09-2	Methylene Chloride	15
108-88-3	Toluene	6
100-41-4	Ethylbenzene	3
1330-30-7	Xylene	15
78-93-3	Methyl Ethyl Ketone	9
	Glycol Ethers	4

California Proposition 65:	**WARNING:** This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.
TSCA Certification:	All chemicals in this product are listed, or are exempt from listing, on the TSCA inventory.

Products bearing the Caution Label are certified to be properly labeled in a program of toxicological evaluation by a nationally recognized toxicologist. The products are certified by the toxicologist to be labeled in accordance with the chronic hazard labeling standard ASTM D-4236.

16. OTHER INFORMATION

Table of Abbreviations	
ACGIH	American Conference of Governmental Industrial Hygienists
ANSI	American National Standards Institute
ASTM	American Society for Testing Materials
°C	Degrees Centigrade
CAS	Chemical Abstract Service
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CFR	Code of Federal Regulations
CPR	Controlled Products Regulations
DOT	Department of Transportation
EPA	Environmental Protection Agency

16. OTHER INFORMATION (Continued)

Table of Abbreviations (Continued)	
°F	Degrees Fahrenheit
FDA	Food & Drug Administration
g / l	Grams per liter
DOT	Department of Transportation
EPA	Environmental Protection Agency
°F	Degrees Fahrenheit
FDA	Food & Drug Administration
g / l	Grams per liter
Hg	Mercury
HMIS	Hazardous Materials Identification System
IARC	International Agency for Research on Cancer
LD	Lethal Dose
mg / kg	Milligram per kilogram
mm	Millimeter
SDS	Safety Data Sheet
MSHA	Mine Safety and Health Administration
N.A.	Not Applicable
N.D.	Not Determined
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program
OSHA	Occupational Safety and Health Administration
ppm	Parts per million
SARA	Superfund Amendment and Reauthorization Act
STEL	Short-Term Exposure Limit
TSCA	Toxic Substances Control Act
TWA	Time - Weighted Average
U.N.	United Nations
WHMIS	Workplace Hazardous Materials Information System
>	Greater Than
<	Less Than

Creation Date:	03/88
Revision Date:	01/22/13
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Disclaimer

The information given and the recommendations made herein apply to our product(s) alone and not combined with any other product(s). Such are based on our research and on data from other reliable sources and are believed to be accurate. No guarantee of accuracy is made. It is the purchaser's responsibility before using any product to verify this data under their own operating conditions and to determine whether the product is suitable for their purposes.