SAFETY DATA SHEET

Prepared in accordance with Regulation (EC) No 1907/2006, Annex II.

JET GLO EXPRESS
2010

DATE OF PREPARATION
Jan 4, 2010

1. IDENTIFICATION OF THE PREPARATION AND COMPANY

IDENTIFICATION OF THE PREPARATION

JET GLO EXPRESS® Polyester - SDS for all colours
(Y-, YM-, Z-, ZM-)

USE OF THE PREPARATION

Paint

COMPANY IDENTIFICATION

THE SHERWIN-WILLIAMS COMPANY
101 Prospect Avenue N.W.
Cleveland, OH 44115

EMERGENCY TELEPHONE

Regulatory Information	(216) 566-2902
Medical Emergency	(216) 566-2917
Transportation Emergency*	(800) 424-9300
**for Chemical Emergency ONLY (spill, leak, fire, exposure, or accident)*	

2. HAZARDS IDENTIFICATION

CLASSIFICATION

Xn, R20/22, R10

ROUTES OF EXPOSURE

INHALATION of vapor or spray mist.
EYE or SKIN contact with the product, vapor or spray mist.

EFFECTS OF OVEREXPOSURE

EYES: Irritation.
SKIN: Prolonged or repeated exposure may cause irritation.
INHALATION: Irritation of the upper respiratory system.

May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.
Prolonged overexposure to solvent ingredients in Section 3 may cause adverse effects to the liver and urinary systems.

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

May cause allergic respiratory and/or skin reaction in susceptible persons or sensitization. This effect may be delayed several hours after exposure.
Persons sensitive to isocyanates will experience increased allergic reaction on repeated exposure.

3. COMPOSITION/INFORMATION ON INGREDIENTS

% by Weight	CAS Number	EC Number	EC CLASSIFICATION
0.1	**100-41-4** Ethylbenzene	**202-849-4**	**F;R11 Xn;R20**
15-20	**110-43-0** Methyl n-Amyl Ketone	**203-767-1**	**R10 Xn;R20/22**
<45	**13463-67-7** Titanium Dioxide		

CANCER INFORMATION

For complete discussion of toxicology data refer to Section 11.

4. FIRST-AID MEASURES

EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.
SKIN: Wash affected area thoroughly with soap and water.
Remove contaminated clothing and launder before re-use.
INHALATION: If any breathing problems occur during use, **LEAVE THE AREA** and get fresh air. If problems remain or occur later, **IMMEDIATELY** get medical attention.
INGESTION: Do not induce vomiting. Get medical attention immediately.

5. FIRE-FIGHTING MEASURES

FLAMMABILITY CLASSIFICATION
Combustible, Flash above 37 °C (99 °F) and below 93 °C (200 °F)
SUITABLE EXTINGUISHING MEDIA
Carbon Dioxide, Dry Chemical, Foam
SPECIAL FIRE AND EXPLOSION HAZARDS
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 the area.
- Remove with inert absorbent.

7. HANDLING AND STORAGE

HANDLING
Contents are COMBUSTIBLE. Keep away from heat and open flame.
Consult NFPA Code. Use approved Bonding and Grounding procedures.
STORAGE
Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PRECAUTIONS TO BE TAKEN IN USE
NO PERSON SHOULD USE THIS PRODUCT, OR BE IN THE AREA WHERE IT IS BEING USED, IF THEY HAVE CHRONIC (LONG-TERM) LUNG OR BREATHING PROBLEMS OR IF THEY EVER HAD A REACTION TO ISOCYANATES.
Use only with adequate ventilation.
Avoid contact with skin and eyes. Avoid breathing vapor and spray mist.
Wash hands after using.
This coating may contain materials classified as nuisance particulates (listed "as Dust" in Section 3) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 3, the applicable limits for nuisance dusts are ACGIH TLV 10 mg/m3 (total dust), 3 mg/m3 (respirable fraction), OSHA PEL 15 mg/m3 (total dust), 5 mg/m3 (respirable fraction).
EXPOSURE LIMITS

CAS Number	Ingredient	Units	Vapor Pressure
100-41-4	**Ethylbenzene**		
	ACGIH TLV	100 PPM	7.1 mm
	ACGIH TLV	125 PPM STEL	
110-43-0	**Methyl n-Amyl Ketone**		
	ACGIH TLV	50 PPM	3.855 mm
13463-67-7	**Titanium Dioxide**		
	ACGIH TLV	10 mg/m3 as Dust	

OCCUPATIONAL EXPOSURE CONTROLS
Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 3 is maintained below applicable exposure limits.

RESPIRATORY PROTECTION

Where overspray is present, a positive pressure air supplied respirator (TC19C NIOSH/MSHA approved) should be worn. If unavailable, a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 3 may be effective. Follow respirator manufacturers directions for use. Wear the respirator for the whole time of spraying and until all vapors and mists are gone. **NO PERSONS SHOULD BE ALLOWED IN THE AREA WHERE THIS PRODUCT IS BEING USED UNLESS EQUIPPED WITH THE SAME RESPIRATOR PROTECTION RECOMMENDED FOR THE PAINTERS.**

When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

HAND PROTECTION

To prevent skin contact, wear gloves which are recommended by glove supplier for protection against materials in Section 3.

EYE PROTECTION

Wear safety spectacles with unperforated sideshields.

OTHER PROTECTIVE EQUIPMENT

Use barrier cream on exposed skin.

OTHER PRECAUTIONS

This product must be mixed with other components before use. Before opening the packages, READ AND FOLLOW WARNING LABELS ON ALL COMPONENTS.

Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE

(Y-, YM-, Z-, ZM-) liquid

ODOR

Paint

PRODUCT WEIGHT	1000 - 1600 g/l	8.5 - 13.0 lb/gal
SPECIFIC GRAVITY	1.0 - 1.6	
FLASH POINT	38 - 41 °C	100 - 105 °F TCC
LOWER EXPLOSION LIMIT (LEL)	1.1 %	
UPPER EXPLOSION LIMIT (UEL)	7.9 %	
BOILING POINT	147 - 153 °C	297 - 308 °F
MELTING POINT	Not Available	
VOLATILE VOLUME	30 - 35 %	
EVAPORATION RATE	Slower than ether	
VAPOR DENSITY	Heavier than air	
SOLUBILITY IN WATER	N.A.	

10. STABILITY AND REACTIVITY

STABILITY

Stable

CONDITIONS TO AVOID

None known.

MATERIALS TO AVOID

None known.

HAZARDOUS DECOMPOSITION PRODUCTS

By fire: Carbon Dioxide, Carbon Monoxide

HAZARDOUS POLYMERIZATION

Will not occur

11. TOXICOLOGICAL INFORMATION

CHRONIC HEALTH HAZARDS

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

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.

IARC's Monograph No. 93 reports there is sufficient evidence of carcinogenicity in experimental rats exposed to titanium dioxide but inadequate evidence for carcinogenicity in humans and has assigned a Group 2B rating. In addition, the IARC summary concludes, "No significant exposure to titanium dioxide is thought to occur during the use of products in which titanium is bound to other materials, such as paint."

Carbon Black is classified by IARC as possibly carcinogenic to humans (group 2B) based on experimental animal data, however, there is insufficient evidence in humans for its carcinogenicity.

12. ECOLOGICAL INFORMATION

ECOTOXICITY EFFECTS

Not Available

MOBILITY
Not Available
BIOACCUMULATIVE POTENTIAL
Not Available
PERSISTANCE/DEGRADABILITY
Not 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.
Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

14. TRANSPORT INFORMATION

US Ground (DOT)
May be Classed as a Combustible Liquid for U.S. Ground.
UN1263, PAINT, 3, PG III, (ERG#128)
DOT (Dept of Transportation) Hazardous Substances & Reportable Quantities
Xylenes (isomers and mixture) 100 lb RQ
Bulk Containers may be Shipped as (check reportable quantities):
UN1263, PAINT, COMBUSTIBLE LIQUID, PG III, (ERG#128)
Canada (TDG)
May be Classed as a Combustible Liquid for Canadian Ground.
UN1263, PAINT, CLASS 3, PG III, (ERG#128)
IMO
UN1263, PAINT, CLASS 3, PG III, (38 C c.c.), EmS F-E, S-E, ADR (D/E)
ADR
UN1263, PAINT, 3, PG III

15. REGULATORY INFORMATION

LABELING

HAZARD SYMBOL

Harmful

R – PHRASES

R10 Flammable.
R20/22 Harmful by inhalation and if swallowed.

S – PHRASES

S16 Keep away from sources of ignition - No smoking.
S2 Keep out of the reach of children.
S24/25 Avoid contact with skin and eyes.
S29 Do not empty into drains.

TSCA CERTIFICATION
All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory.

16. OTHER INFORMATION

FULL TEXT OF R – PHRASES REFERENCED IN SECTION 3.

R10 Flammable.
R11 Highly flammable.
R20 Harmful by inhalation.
R20/22 Harmful by inhalation and if swallowed.

This Safety Data Sheet is prepared in accordance with Regulation (EC) No 1907/2006, Annex II.

The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.