MATERIAL SAFTEY DATA SHEET

NAME OF PRODUCT: **TOP COAT IR**
MSDS DATE: 07/07/2010

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Top Coat IR
SYNONYMS: Emulsion
PRODUCT CODES: XS-005

MANUFACTURER:	Xcel Surfaces
ADDRESS:	3750 W. Indian School Road Phoenix, AZ 85019
EMERGENCY PHONE:	800-644-9131
CHEMTREC PHONE:	800-424-9300
OTHER CALLS:	602-636-6720
FAX PHONE:	602-636-6724

CHEMICAL NAME: Acrylic Emulsion
CHEMICAL FORMULA: N/A Product is a mixture

PREPARED BY: Xcel Surfaces

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	CAS NO.	% WT	% VOL
Acrylic Emulsion	40-43		
Residual Monomers			
Water	57-60		

	ppm	mg/m3
OSHA PEL-TWA:	50	
OSHA PEL STEL:	35	
OSHA PEL CEILING:		
ACGIH TLV-TWA:	25	17/3
ACGIH TLV STEL:	35	24/3
ACGIH TLV CEILING:		

SECTION 3: HEALTH HAZARDS DATA

POTENTIAL HEALTH EFFECTS

EYES: May cause mild irritation. Symptoms include stinging, tearing and redness.

SKIN: May cause mild skin irritation. Symptoms include redness, itching or burning

INGESTION: Swallowing is not likely to be harmful.

INHALATION: May cause headache, nausea and irritation of the nose, throat or lungs.

SECTION 4: FIRST AID MEASURES

EYES: Flush eyes with water while holding eyelids open. If symptoms persist or any visual difficulty seek medical attention.

SKIN: Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist seek medical attention.

INGESTION: First aid is not normally required. If symptoms persist seek medical attention.

INHALATION: Move into fresh air. If symptoms persist seek medical attention. If breathing is difficult administer oxygen, seek immediate medical attention.

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER:
(% BY VOLUME) LOWER:

FLASH POINT:
F: N/A

NFPA HAZARD CLASSIFICATION
HEALTH: 1 **FLAMMABILITY:** 0 **REACTIVITY:** 0
OTHER: 0

HMIS HAZARD CLASSIFICATION
HEALTH: 1 **FLAMMABILITY:** 0 **REACTIVITY:** 0
PROTECTION: 0

SECTION 5: FIRE-FIGHTING MEASURES CONTUNITED

EXTINGUISHING MEDIA: Use foam, carbon dioxide or chemical fire fighting apparatus.

SPECIAL FIRE FIGHTING PROCEDURES:

UNUSUAL FIRE AND EXPLOSION HAZARDS: No Special fire hazards are known to be associated with this product.

HAZARDOUS DECOMPOSITION PRODUCTS:

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Steps to be taken in case material is spilled or released:
Eliminate all sources if ignition. Ventilate area. Soak up spill with absorbent floor material and shovel into container. Seal and remove containers.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Precaution to be taken in handling and storage: Keep away from any source of ignition. Store in original container. Keep tightly closed. Store in cool dry area. Do not allow to freeze. Do not reuse container for other purposes.

OTHER PRECAUTIONS: Keep out of reach of Children.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: No Specific controls needed

VENTILATION: Allow fresh air flow.

RESPIRATORY PROTECTION: Approved NIOSH respirator

EYE PROTECTION: Safety splash goggles in compliance with OSHA regulations.

SKIN PROTECTION: Gloves should be worn to prevent skin contact along with impervious clothing and shoes.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Facilities storing or utilizing this material should be equipped with eyewash station.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Milky

ODOR: Ammonia

PHYSICAL STATE: Liquid

PH AS SUPPLIED: 9.5 – 10.00
PH (Other):
BOILING POINT:
F: 212°F
C: 100°C

MELTING POINT:
F: 32°F
C: 0°C

FREEZING POINT:
F: 32°F
C: 0°C

VAPOR PRESSURE (mmHg): 17 @ 20°C

VAPOR DENSITY (AIR = 1) : <1

SPECIFIC GRAVITY (H2O = 1): 1.06

EVAPORATION RATE: <1 Water

SOLUBILITY IN WATER: Dilatable

PERCENT SOLIDS BY WEIGHT: 18%

PERCENT VOLATILE: 88%

VOLATILE ORGANIC COMPOUNDS (VOC):

WITH WATER: 48
WITHOUT WATER:

MOLECULAR WEIGHT: 50 MPAS 77°F

VISCOSITY: 50 NPA

SECTION 10: STABILITY AND REACTIVITY

CONDITIONS TO AVOID (STABILITY): None Known

INCOMPATIBILITY (MATERIAL TO AVOID): None Known

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: None Known

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID (POLYMERIZATION): None Known

SECTION 11: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of in accordance with all applicable federal, state; local regulations.

SECTION 12: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION: Not regulated for transport.
CLASS: 55

SECTION 13: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA: All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substance Control Act Chemical substance inventory.

CERCLA : (40CFR302.4) Release of this material to air, land, or water are not reportable to the National Response Center under the Comprehensive Enviromental Response, Compensation and Liability Act or to Reauthorization Act Title lll Section 304

SARA TITLE III: Section 311/312 Categorizations (40CFR370): This product is not a hazardous chemical under 29CFR 1910.1200 and therefore is not covered by Title III of SARA.

HAZARD CATEGORIES: This product is considered non- hazardous under OSHA Hazard Communication Standard (29CFR1910.1200)

313 REPORTABLE INGREDIENTS: This product does not contain a chemical which is listed in Section 313 at or above minumums concentrations.

SECTION 14: OTHER INFORMATION

DISCLAIMER: The information contained herein is based on the data available to Xcel and is believed to be correct. However, Xcel Surfaces makes no warranty, expressed or implied regarding the accuracy of this data or the results to be obtained from the use there of Xcel Surfaces assumes no responsibility for injury for the use of the products described herein.